

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2001 ACS
RN 126776-85-0 REGISTRY
CN **Timiron Super Blue (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
10 REFERENCES IN FILE CA (1967 TO DATE)
10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2001 ACS
RN 118442-68-5 REGISTRY
CN **Timiron Super Violet (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2001 ACS
RN 99332-53-3 REGISTRY
CN **Timiron MP 176 Bluered (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2001 ACS
RN 99332-52-2 REGISTRY
CN **Timiron MP 155 Blue (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 227015-81-8 REGISTRY
CN **Flamenco Satin Violet 560M (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 227015-80-7 REGISTRY
CN **Flamenco Satin Blue 560M (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 227015-74-9 REGISTRY
CN **Flamenco Blue 620C (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 227015-73-8 REGISTRY
CN **Flamenco Violet 520C (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 224961-14-2 REGISTRY
CN **Flamenco Violet (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 224961-13-1 REGISTRY
CN **Flamenco Satin Violet (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 224961-07-3 REGISTRY
CN **Flamenco Satin Blue (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 219484-70-5 REGISTRY
CN **Flamenco Satin Blue 660M (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L2 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2001 ACS
RN 123424-09-9 REGISTRY
CN **Flamenco Blue (9CI)** (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS
RN 265333-08-2 REGISTRY
CN ChromaFlair Green/Purple 190 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS
RN 262607-53-4 REGISTRY
CN ChromaFlair Purple/Orange 300 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2001 ACS
RN 244292-40-8 REGISTRY
CN ChromaFlair Cyan/Purple 230 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L20 ANSWER 1 OF 8 USPATFULL

ACCESSION NUMBER: 2001:21746 USPATFULL

TITLE: Sunscreens having ultraspectral protection

INVENTOR(S): Kurz, Thekla, Darmstadt, Germany, Federal Republic of
Hitzel, Sabine, Darmstadt, Germany, Federal Republic

of

Wille, Dorothee, Darmstadt, Germany, Federal Republic
of

PATENT ASSIGNEE(S): Merck Patent Gesellschaft mit beschränkter Haftung,
Germany, Federal Republic of (non-U.S. corporation)

NUMBER	DATE
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PATENT INFORMATION:	US 6187298	20010213
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APPLICATION INFO.:	US 2000-562961	20000503 (9)
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RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-131692, filed on 10 Aug 1998, now abandoned	
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NUMBER	DATE
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PRIORITY INFORMATION:	DE 1997-19734582	19970809
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	DE 1997-19746139	19971018
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	DE 1997-19750028	19971112
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	DE 1998-19830531	19980708
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DOCUMENT TYPE: Utility

PRIMARY EXAMINER: Dodson, Shelley A.

LEGAL REPRESENTATIVE: Millen, White, Zelano & Branigan, P.C.

NUMBER OF CLAIMS: 22

EXEMPLARY CLAIM: 1

LINE COUNT: 735

Interference →

FILE 'REGISTRY' ENTERED AT 12:25:32 ON 03 MAR 2001

L1 E TIMIRON/CN
4 S E9 OR E10 OR E18 OR E27
E FLAMENCO/CN
L2 9 S E5 OR E6 OR E8 OR E9 OR E10 OR E19 OR E20 OR E24 OR E25
E SICOPEARL/CN
E CHROMAFLAIR/CN
L3 3 S E4 OR E5 OR E6

FILE 'USPATFULL, CAPLUS' ENTERED AT 12:29:01 ON 03 MAR 2001

L4 916 S MICA (3A) COATED (3A) ((TITANIUM (W) (OXIDE OR DIOXIDE)) OR
(
L5 159 S TIMIRON OR FLAMENCO
L6 1042 S L4 OR L5
L7 228535 S (TITANIUM OR IRON OR CHROME OR CHROMIUM) (W) (DIOXIDE OR
OXID
L8 941 S (BISMUTH (W) OXYCHLORIDE)
L9 112026 S (BORON (W) NITRIDE) OR (BARIUM (W) SULFATE) OR MICA OR
SERICI
L10 277 S INTERFERENCE (W) PIGMENT
L11 39 S L10 (P) L6
L12 39 S L11 AND L7
L13 6 S L12 AND L8
L14 3122 S 424/401/NCL OR 424/63/NCL OR 424/69/NSL
L15 3447 S 424/401/NCL OR 424/63/NCL OR 424/69/NCL
L16 101875 S COSMETIC OR MAKEUP OR WRINKLES
L17 85 S L10 AND L16
L18 10 S L17 AND L11
L19 2 S L18 AND L8
L20 8 S L18 NOT L19

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L23</u>	skin near10 (start begin) near10 aging	1	<u>L23</u>
<u>L22</u>	(start begin) near10 aging near10 wrinkl\$	0	<u>L22</u>
<u>L21</u>	(start begin) near10 aging near10 wrinkl\$ near10 women	0	<u>L21</u>
<u>L20</u>	skin near10 (start begin) near10 aging near10 wrinkl\$ near10 women	0	<u>L20</u>
<u>L19</u>	cosmetic and (wrinkle near2 (mask\$)) and pigment\$	9	<u>L19</u>
<u>L18</u>	cosmetic and (wrinkle near2 (mask\$)) and (compact powder)	13	<u>L18</u>
<u>L17</u>	wrinkle.ti. and cosmetic and (wrinkle near2 (mask\$)) and (compact powder)	1	<u>L17</u>
<u>L16</u>	wrinkle.ti. and cosmetic and (wrinkle near2 (cover\$ hide hiding)) and (compact powder)	2	<u>L16</u>
<u>L15</u>	wrinkle.ti. and cosmetic and anhydrous and (compact powder)	26	<u>L15</u>
<u>L14</u>	wrinkle.ti. and cosmetic and (compact powder)	96	<u>L14</u>
<u>L13</u>	wrinkle.ab. and cosmetic and (compact powder).ab.	1	<u>L13</u>
<u>L12</u>	wrinkle.ab. and cosmetic and (compact powder)	159	<u>L12</u>
<u>L11</u>	(wrinkle hide hiding covering).ab. and ((refractive interference) adj pigment\$) and cosmetic	5	<u>L11</u>
<u>L10</u>	(wrinkle hide hiding covering).ab. and ((refractive interference) adj pigment\$) and cosmetic	5	<u>L10</u>
<u>L9</u>	(wrinkle hide hiding covering) and ((refractive interference) adj pigment\$) and cosmetic	70	<u>L9</u>
<u>L8</u>	(aging aged) and ((refractive interference) adj pigment\$) and cosmetic	8	<u>L8</u>
<u>L7</u>	L6	69	<u>L7</u>
<u>L6</u>	L4 and cosmetic	69	<u>L6</u>
<u>L5</u>	L4 and cosmeti	0	<u>L5</u>
<u>L4</u>	(hiding covering hide coverage) and ((refractive interference) adj pigment\$)	149	<u>L4</u>
<u>L3</u>	4116628.pn.	1	<u>L3</u>
<u>L2</u>	wrinkle and ((refractive interference) adj pigment\$)	13	<u>L2</u>
<u>L1</u>	wrinkle and (refractive interference)	1746	<u>L1</u>

END OF SEARCH HISTORY

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 16:07:56 ON 12 MAR 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1967 - 12 Mar 2001 VOL 134 ISS 12
FILE LAST UPDATED: 9 Mar 2001 (20010309/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in HCAPLUS on STN.

=> d l139 all tot

L139 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2001 ACS

AN 2001:12220 HCAPLUS

DN 134:76148

TI Gel-based **cosmetic** composition comprising a silicone oil and a gelling agent

IN Painter, Rachel J.; Cohen, Isaac D.

PA **Color Access**, Inc., USA

SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-48

ICS A61K007-00; A61K009-70

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001000154	A1	20010104	WO 2000-US17098	20000621
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1999-344090 19990625

AB The invention relates to **cosmetic** compns. comprising an elastic, non-rigid, porous support in which a low-viscosity, gellant-contg., single phase otherwise unstable **cosmetic** formulation has been incorporated, and a method of making same. A **cosmetic** gel contained **red iron oxide** 1.00, **yellow iron oxide** 2.00, **black**

iron oxide 0.20, titanium dioxide
17.20, polyglyceryl-3 diisostearate 0.50, phenyltrimethicone 64.20,
polymethyl methacrylate 7.00, lauroyl lysine 3.50,
dimethicone/cyclomethicone 4.00, and lanosterol 0.40%.

ST **cosmetic** gel gelling agent silicone oil
IT Cyclosiloxanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(di-Me; gel-based **cosmetic** compn. comprising silicone oil and
gelling agent)

IT Fatty acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(esters, with dextrin; gel-based **cosmetic** compn. comprising
silicone oil and gelling agent)

IT Rubber, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(foamed; gel-based **cosmetic** compn. comprising silicone oil
and gelling agent)

IT Gelation agents
Pigments, nonbiological
Pore size
(gel-based **cosmetic** compn. comprising silicone oil and
gelling agent)

IT Polymers, biological studies
Polysiloxanes, biological studies
Waxes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(gel-based **cosmetic** compn. comprising silicone oil and
gelling agent)

IT **Cosmetics**
(gels; gel-based **cosmetic** compn. comprising silicone oil and
gelling agent)

IT Sponge (Porifera)
(natural; gel-based **cosmetic** compn. comprising silicone oil
and gelling agent)

IT 9002-88-4, Polyethylene
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(foamed; gel-based **cosmetic** compn. comprising silicone oil
and gelling agent)

IT 57-88-5, Cholesterol, biological studies 79-63-0, Lanosterol
9004-34-6D, Cellulose, derivs. 9004-53-9D, Dextrin, esters with fatty
acids 9006-65-9, Dimethicone 195868-36-1, Phenyltrimethicone
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(gel-based **cosmetic** compn. comprising silicone oil and
gelling agent)

RE.CNT 7
RE
(1) Anon; PATENT ABSTRACTS OF JAPAN 1991, V15(123), PC-816
(2) Ilya, I; US 5137040 A 1992
(3) Langlois; FR 2455902 A 1980 HCAPLUS
(4) Matsayuki, J; US 4776356 A 1988
(5) The Procter & Gamble Company; WO 9509598 A 1995 HCAPLUS
(6) The Procter & Gamble Company; WO 9815262 A 1998 HCAPLUS
(7) Yoshikawa Seiyu Kk; JP 03006283 A 1991 HCAPLUS

L139 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2001 ACS
AN 2000:573627 HCAPLUS
DN 133:182755
TI Long-wearing **cosmetic** compositions comprising an acrylic acid
polymer and an organic **pigment**
IN Shah, Amit R.

PA **Color Access, Inc., USA**
 SO PCT Int. Appl., 13 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-021
 CC 62-4 (Essential Oils and **Cosmetics**)
 Section cross-reference(s): 38

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047168	A1	20000817	WO 2000-US3128	20000207
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-248524		19990209		
AB	The invention relates to long-wearing cosmetic compns. comprising an acrylic acid derived polymer or copolymer and at least one water sol. org. pigment . The polymer or copolymer can be in the form of an emulsion. The compns. are long lasting, water resistant and exhibit substantially indelible qualities. Further, the compns. will not smear, run or settle in the lines and creases of the skin. These compns. are useful as eyeliners, other cosmetic products, or as body paints. An acrylic polymer compn. contained water 55.00, ammonium acrylate homopolymer 39.00, sodium lauryl ether sulfate 1.25, butylene glycol 4.25, methylparaben 0.25, and propylparaben 0.25%. Formulation of a long-wearing cosmetic compn. contg. 90% of above polymer compn. is disclosed.				
ST	cosmetic acrylic acid polymer org pigment				
IT	Cosmetics (eye liners; long-wearing cosmetic compns. comprising acrylic acid polymer and org. pigment)				
IT	Cosmetics Pigments , nonbiological (long-wearing cosmetic compns. comprising acrylic acid polymer and org. pigment)				
IT	79-10-7D, Acrylic acid, esters, polymers 79-41-4D, Methacrylic acid, esters, polymers 1934-21-0, Fd&c yellow no 5 3844-45-9, Fd&c blue no 1 4403-90-1, d And c green no. 5 25956-17-6, Fd&c red no 40 28214-57-5, PolyAmmonium acrylate RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (long-wearing cosmetic compns. comprising acrylic acid polymer and org. pigment)				

RE.CNT 2

RE
 (1) Procter & Gamble; WO 9818431 A 1998 HCAPLUS
 (2) Procter & Gamble; WO 9823251 A 1998 HCAPLUS

L139 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:573626 HCAPLUS

DN 133:182754

TI **Cosmetic** and pharmaceutical compositions containing crystalline
color system

IN Lahanas, Konstantinos M.; Cioca, Gheorghe

PA **Color Access, Inc., USA**

SO PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00
ICS A61K007-48; A61K047-32
CC 62-4 (Essential Oils and **Cosmetics**)
Section cross-reference(s): 63
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047167	A1	20000817	WO 2000-US1354	20000119
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-246450		19990209		
AB	The present invention relates to cosmetic or pharmaceutical compns. contg. a coloring system comprising colloidal cryst. arrays in a medium. The invention also includes a method for prepg. a cosmetic or pharmaceutical compn. by adding colloidal cryst. arrays to a medium. The coloring systems produce clear color, esp. iridescent color, without adding pigments or dyes. The color is long lasting and can be obsd. at any angle of view of the compn. A liq. toner with silica colloidal cryst. arrays contained witch hazel 5.00, isopropanol 10.0, allantoin 0.10, trehalose 1.00, 1,3-butylene glycol 5.00, and silica colloidal crystal arrays 25.00%.				
ST	cosmetic pharmaceutical colloidal cryst array color				
IT	Polysiloxanes, biological studies				
	RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (alkoxides; cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Ionic strength Particle size Pigments , nonbiological Surface electric charge (cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Fluoropolymers, biological studies Hydroxides (inorganic) RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Cosmetics (creams; cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Colloids (cryst., colloidal; cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Cosmetics Drug delivery systems (emulsions; cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Cosmetics Drug delivery systems (foams; cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Cosmetics Drug delivery systems (lotions; cosmetic and pharmaceutical compns. contg. cryst. color system)				
IT	Cosmetics (mousses; cosmetic and pharmaceutical compns. contg. cryst.				

color system)

IT Drug delivery systems
(ointments, creams; **cosmetic** and pharmaceutical compns.
contg. cryst. color system)

IT **Cosmetics**
Drug delivery systems
(suspensions; **cosmetic** and pharmaceutical compns. contg.
cryst. color system)

IT Metal alkoxides
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(titanium; **cosmetic** and pharmaceutical compns. contg. cryst.
color system)

IT 151-21-3D, Sodium dodecyl sulfate, polymers 1321-74-0D, Divinyl benzene,
polymers 2373-38-8D, polymers 7631-86-9, Silica, biological studies
9003-53-6D, Polystyrene, polymers 9011-14-7D, Polymethylmethacrylate,
polymers 9036-19-5D, Octoxynol, polymers 26027-38-3D, Nonoxynol,
polymers
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(**cosmetic** and pharmaceutical compns. contg. cryst. color
system)

IT 79-41-4, Methacrylic acid, biological studies 7429-90-5D, Aluminum,
alkoxides 9002-84-0, Ptfе
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(**cosmetic** and pharmaceutical compns. contg. cryst. color
system)

RE.CNT 2

RE

- (1) Holtz, J; NATURE 1997, V389, P829 HCAPLUS
(2) Univ Pittsburgh; WO 9841859 A 1998 HCAPLUS

L139 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:98261 HCAPLUS

DN 132:141710

TI Topical moisture-regulating compositions

IN Castro, John R.; Chen, Michell M.; Nazar, Shahan; Pardo, Janet

PA **Color Access**, Inc., USA

SO PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-48

CC 62-4 (Essential Oils and **Cosmetics**)

Section cross-reference(s): 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006114	A1	20000210	WO 1999-US16393	19990720
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9950046	A1	20000221	AU 1999-50046	19990720
PRAI	US 1998-127711		19980730		
	WO 1999-US16393		19990720		

AB The present invention relates to a **cosmetic** or pharmaceutical compn. for topical application to the skin which comprises a fibrous component for promoting the transfer of moisture and oil and the removal of unpleasant and unwanted moisture from the skin, esp. the facial skin.

The fibrous component can include wicking fibers, evapg. fibers, or a combination of both. The compns. of the present invention regulate moisture and oil when applied to the skin. A **foundation** contg. cetyl dimethicone copolyol 0.5, cyclomethicone 25, trioctanoin 1, isostearyl palmitate 1, zinc stearate 2, nylon-12 6, silk powder 0.1, **pigments** 5, tri-Me siloxy silicate 5, dimethicone copolyol 3, butylene glycol 7, sodium chloride 1.5, laureth-7 0.3, nylon-6 0.05, preservatives 1, and water q.s. to 100 % was prepd.

ST **cosmetic fiber foundation** lipstick moisture regulation

IT Polyamide fibers, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(aramid; **cosmetic** compns. contg. fibrous components)

IT **Cosmetics**

Cotton fibers

Foundations (buildings)

Silk

Wool

(**cosmetic** compns. contg. fibrous components)

IT Acrylic fibers, biological studies

Fibers

Polyamide fibers, biological studies

Polyamides, biological studies

Polyester fibers, biological studies

Polypropene fibers, biological studies

Rayon, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic** compns. contg. fibrous components)

IT Polyurethanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic** compns. contg. fibrous components and polyurethanes)

IT Polyolefin fibers

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(ethylene; **cosmetic** compns. contg. fibrous components)

IT **Cosmetics**

(lipsticks; **cosmetic** compns. contg. fibrous components)

IT Drug delivery systems

(topical; topical compns. contg. fibrous components)

IT 24937-16-4, Nylon-12 25038-54-4, Nylon-6, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic** compns. contg. fibrous components)

IT 56275-01-5

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic** compns. contg. fibrous components and film-forming agents)

IT 557-05-1, Zinc stearate

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic** compns. contg. fibrous components and metal stearates)

RE.CNT 6

RE

(1) Atlas, M; US 5498407 A 1996 HCAPLUS

(2) IsehanKk; JP 03153613 A 1991 HCAPLUS

(3) Koichi, S; US 5266321 A 1993 HCAPLUS

(4) Macchio, A; US 5234682 A 1993 HCAPLUS

(5) Shiseido Co Ltd; JP 07267827 A 1995 HCAPLUS

(6) Shiseido Co Ltd; JP 07267828 A 1995 HCAPLUS

AN 1999:594888 HCAPLUS
 DN 131:219022
 TI Novel powder compositions containing carboxylated gums and clay complexes
 IN Lahanas, Konstantinos M.; Keeler, Tracy N.; Toma, Daniela
 PA **Color Access**, Inc., USA
 SO PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-035
 ICS A61K007-48
 CC 62-4 (Essential Oils and **Cosmetics**)
 Section cross-reference(s): 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945895	A1	19990916	WO 1999-US5104	19990309
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6042839	A	20000328	US 1998-36734	19980309
	AU 9930735	A1	19990927	AU 1999-30735	19990309
	EP 983038	A1	20000308	EP 1999-912342	19990309
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2000513388	T2	20001010	JP 1999-545990	19990309
PRAI	US 1998-36734		19980309		
	WO 1999-US5104		19990309		
AB	The present invention relates to cosmetic or pharmaceutical compns. comprising a powder contg. a water-sol. carboxylated gum and a clay crosslinked with metal ions. A powder compn. was prepd. from Phase 1 comprising water 67 and disodium EDTA 0.05 %; Phase 2 comprising Laponite XLS 3.5 %; Phase 3 comprising water 7.75 and Na alginate 0.2 %; Phase 4 comprising Mearlmaid AA (water/guanine/isopropanol/Me cellulose) 6.5; and Phase 5 comprising water 14 and cupric sulfate pentahydrate 1 %. The powder compn. was used in formulating a dual-phase cosmetic toner.				
ST	cosmetic powder carboxylated gum clay complex; topical powder manuf alginate laponite				
IT	Clays, biological studies RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (complexes; powder compns. contg. carboxylated gums and clay complexes and pigments)				
IT	Cosmetics (dual-phase toners; powder compns. contg. carboxylated gums and clay complexes and pigments)				
IT	Gums and Mucilages Pearlescent pigments Pigments , nonbiological (powder compns. contg. carboxylated gums and clay complexes and pigments)				
IT	Bentonite, biological studies Diatomite Fuller's earth Kaolin, biological studies RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (powder compns. contg. carboxylated gums and clay complexes and pigments)				
IT	Drug delivery systems				

(powders, topical; powder compns. contg. carboxylated gums and clay complexes and **pigments**)

IT 1318-93-0, Montmorillonite, biological studies 9005-32-7, Alginic acid
 9005-38-3, Sodium alginate 12173-47-6, Hectorite 53320-86-8, Laponite
 227605-22-3, Laponite XLS
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (powder compns. contg. carboxylated gums and clay complexes and
pigments)

RE.CNT 6

RE

- (1) Boots Co Plc; WO 9307855 A 1993 HCAPLUS
- (2) G C Dental Ind Corp; GB 2226039 A 1990 HCAPLUS
- (3) Gaunt, J; GB 761757 A 1956
- (4) Kao Corp; JP 63130522 A 1988 HCAPLUS
- (5) Michel, P; FR 2729568 A 1996 HCAPLUS
- (6) Takenaka Komuten Co Ltd; JP 63037156 A 1988 HCAPLUS

L139 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:311073 HCAPLUS

DN 130:342771

TI Anhydrous matte **cosmetic** comprising an organopolysiloxane elastomer

IN Stepniewski, George J.; Peters, David; Benedicto, Cecilia D.

PA **Color Access**, Inc., USA

SO PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-02

ICS A61K007-48

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9922696	A1	19990514	WO 1998-US22955	19981029
	W: AU, CA, JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6027738	A	20000222	US 1997-962097	19971031
	AU 9912871	A1	19990524	AU 1999-12871	19981029
	EP 975309	A1	20000202	EP 1998-956319	19981029
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRAI US 1997-962097 19971031

WO 1998-US22955 19981029

AB An anhyd. **makeup** compn. for topical application to the skin comprises (a) a silicone gel, the gel comprising an organopolysiloxane elastomer dispersed in a silicone-compatible vehicle, (b) and a silicone-oil base. The compns. of the invention produce a matte or non-shiny appearance when applied to the skin. A lipstick contained 50% organopolysiloxane elastomer in dimethicone 5.0, dimethicone/trimethylsiloxysilicate 2.0, (32% trimethylsiloxysilicate) 2.0, dimethicone 4.0, stearyl dimethicone 1.0, Ph trimethicone 39.0, squalane 5.0, jojoba oil 5.0, mica 8.0, dimethicone 8.0, polyethylene 8.5, silica 2.5, **titanium dioxide** 0.8, Iron oxides 0.1, D&C Red no 6 1.0, iron oxides 1.1, D&C No 7 calcium lake 9.0%.

ST anhyd **cosmetic** lipstick polysiloxane elastomer

IT **Foundations (cosmetics)**

Lipsticks

Pigments (nonbiological)

(anhyd. matte **cosmetic** comprising organopolysiloxane elastomer)

IT Polysiloxanes, biological studies

Silicone rubber, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(anhyd. matte **cosmetic** comprising organopolysiloxane elastomer)IT 9006-65-9, Dimethicone 56275-01-5 195868-36-1, Phenyltrimethicone
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(anhyd. matte **cosmetic** comprising organopolysiloxane elastomer)

RE.CNT 1

RE

(1) Oreal; EP 0790055 A 1997 HCAPLUS

L139 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:467116 HCAPLUS

DN 125:123266

TI Stable water-in-oil emulsion system containing organopolysiloxane elastomer

IN Stepniewski, George J.; Konik, Richard A.; **Dreher, John D.**;
Cioca, Gheorghe; Cohen, Isaac D.; Phillips, Joan M.; Zecchino, Julius R.

PA Estee Lauder, Inc., USA

SO PCT Int. Appl., 19 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

ICS A61K007-021; A61K007-035; A61K007-42; A61K031-74

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9618374	A1	19960620	WO 1995-US11061	19950901
	W: AU, CA, CN, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5599533	A	19970204	US 1994-356901	19941215
	CA 2197320	AA	19960620	CA 1995-2197320	19950901
	AU 9534625	A1	19960703	AU 1995-34625	19950901
	AU 706178	B2	19990610		
	JP 09511763	T2	19971125	JP 1995-518740	19950901
	EP 813403	A1	19971229	EP 1995-931039	19950901
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	CN 1169109	A	19971231	CN 1995-196715	19950901
PRAI	US 1994-356901		19941215		
	WO 1995-US11061		19950901		

AB A stable water-in-oil emulsion system useful in personal care products is formed of an oil phase based on or comprising an organopolysiloxane elastomer, a vehicle in which the elastomer is dispersed or dispersible (e.g. a volatile and/or nonvolatile silicone oil), a stabilizing agent, a surfactant, and an aq. component. Such emulsions are easily applied without a greasy feel. Thus, to prep. a **cosmetic foundation**, phases (1), (2), and (3) were sep. prepd. by low-shear mixing, where phase (1) contained cyclomethicone 16.90, octamethylcyclotetrasiloxane 5.00, cyclomethicone/dimethiconol 1.00, dimethicone copolyol 1.50, sorbitan sesquioleate 1.50, phenyltrimethicone 10.00, and dimethicone 10.00, phase (2) contained methicone-coated **red Fe oxide** 0.59, methicone-coated **yellow Fe oxide** 1.22, methicone-coated **black Fe oxide** 0.13, methicone-coated **TiO2** 3.56, and ultrafine methicone-coated **TiO2** 4.50, and phase (3) contained H2O 37.75, butylene glycol 5.00, xanthan gum 0.10, MgSO4 1.00, and laureth-7 0.25 wt.%, and the 3 phases were then combined with high-shear blending.

ST organosiloxane elastomer emulsion **cosmetic**; siloxane elastomer emulsion **cosmetic**

IT Electrolytes

Stabilizing agents

(stable water-in-oil emulsion system contg. organopolysiloxane

elastomer for **cosmetic** use)

IT Alcohols, biological studies
 Rubber, silicone, biological studies
 Siloxanes and Silicones, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (stable water-in-oil emulsion system contg. organopolysiloxane
 elastomer for **cosmetic** use)

IT Cyclosiloxanes
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (di-Me, stable water-in-oil emulsion system contg. organopolysiloxane
 elastomer for **cosmetic** use)

IT Polyoxyalkylenes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (di-Me, Me hydrogen siloxane-, stable water-in-oil emulsion system
 contg. organopolysiloxane elastomer for **cosmetic** use)

IT Siloxanes and Silicones, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (di-Me, Me hydrogen, polyoxyalkylene-, stable water-in-oil emulsion
 system contg. organopolysiloxane elastomer for **cosmetic** use)

IT Colloids
 (hydro-, stable water-in-oil emulsion system contg. organopolysiloxane
 elastomer for **cosmetic** use)

IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (polyhydric, stable water-in-oil emulsion system contg.
 organopolysiloxane elastomer for **cosmetic** use)

IT Emulsions
 (water-in-oil, stable water-in-oil emulsion system contg.
 organopolysiloxane elastomer for **cosmetic** use)

IT 541-02-6, Decamethylcyclopentasiloxane 556-67-2,
 Octamethylcyclotetrasiloxane 2116-84-9 7447-40-7, Potassium chloride,
 biological studies 7487-88-9, Magnesium sulfate, biological studies
 7647-14-5, Sodium chloride, biological studies 7757-82-6, Sodium
 sulfate, biological studies 7778-18-9, Calcium sulfate 7778-80-5,
 Potassium sulfate, biological studies 7786-30-3, Magnesium chloride,
 biological studies 9006-65-9, Dimethicone 10043-52-4, Calcium
 chloride, biological studies 31692-79-2D, mixt. with cyclomethicone
 145686-34-6, Cetyldimethicone copolyol 158050-37-4
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (stable water-in-oil emulsion system contg. organopolysiloxane
 elastomer for **cosmetic** use)

=> d 1138 all tot

L138 ANSWER 1 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:841948 HCAPLUS

DN 134:21304

TI **Cosmetic** compositions containing optical brighteners

IN Cohen, Isaac D.

PA **Color Access**, Inc., USA

SO PCT Int. Appl., 13 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI WO 2000071085 A2 20001130 WO 2000-US14141 20000523

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 1999-320153 19990526

AB The invention relates to **cosmetic** compns. comprising a fluorescent-effective amt. of at least one fluorescent brightener, in combination with a cosmetically acceptable vehicle. The compns. of the invention can be used as color **cosmetics** and skin treatment products, to replenish the skin's natural fluorescent glow. A liq. **foundation** contg. an optical brightener, 2,2'-(2,5-thiophenediyl)bis[5-(1,1-dimethylbenzoxazole)], was prepd.

ST **cosmetic** optical brightener

IT **Cosmetics**
Fluorescent brighteners
(**cosmetic** compns. contg. optical brighteners)

IT Kaolin, biological studies
Zeolites (synthetic), biological studies
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(**cosmetic** compns. contg. optical brighteners)

IT Lecithins
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(kaolin and talc modified with; **cosmetic** compns. contg. optical brighteners)

IT 7128-64-5, Keyfluor White PL
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(Keyfluor White PL; **cosmetic** compns. contg. optical brighteners)

IT 96-26-4, Dihydroxyacetone 1308-38-9, Chromium oxide (Cr2O3), biological studies 1309-37-1, Red iron oxide, biological studies 10101-66-3, Manganese violet 12227-89-3, Black iron oxide 13463-67-7, Titania, biological studies 14807-96-6, Talc, biological studies 25869-00-5, Ferric ammoniumferrocyanide 51274-00-1, Yellow iron oxide 52357-70-7, Brown iron oxide 57455-37-5, Ultramarine blue
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(**cosmetic** compns. contg. optical brighteners)

L138 ANSWER 2 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:817452 HCAPLUS

DN 133:355007

TI Sunscreen agents containing inorganic **powders** with optimum reflected **interference** colors

IN Ito, Motoaki; Torizuka, Makoto

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-42

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 2000319156 A2 20001121 JP 1999-131048 19990512
 AB This invention relates to UV screening agents comprising (1) **powders** with reflected **interference** color of orange/yellow or gold and (2) titania particles. The compns. provide natural colors upon application. A sunscreen soln. contained **Timiron** Super Gold (titania-coated **mica** pigment) 4, titania particles (av. diam. 54 nm) 4, ZnO particles (av. diam. 20 nm) 1, **mica** (av. diam. 54 .mu.m) 10, octamethylcyclotetrasiloxane 20, dimethylpolysiloxane 10, dimethylpolysiloxane-polyoxyalkylene copolymer 1, glycerin 2, ethanol 15, octyl methoxycinnamate 3, perfumes q.s., preservatives q.s., and water to 100 %.

ST sunscreen titania **mica**
 IT Sunscreens
 (sunscreen agents contg. inorg. **powders** with optimum reflected **interference** colors)

IT **Mica-group minerals, biological studies**
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (sunscreen agents contg. inorg. **powders** with optimum reflected **interference** colors)

IT **13463-67-7, Titania, biological studies 130392-53-9, Timiron super gold**
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (sunscreen agents contg. inorg. **powders** with optimum reflected **interference** colors)

L138 ANSWER 3 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:773872 HCAPLUS

DN 133:325506

TI Eyebrow pencil compositions containing agglomerated **pigments**

IN Nardolillo, Irene; Tabakman, Tatyana Rachel

PA **Color Access, Inc., USA**

SO Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

DT Patent

LA English

IC ICM A61K007-032

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1048285	A2	20001102	EP 2000-401150	20000426
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000344628	A2	20001212	JP 2000-134319	20000428
PRAI	US 1999-303233		19990430		
	US 2000-526364		20000316		
AB	The invention relates to a eyebrow pencil comprising a cosmetic base in which is dispersed at least 1 agglomerated pigment in a pencil carrier. A wax-based pencil compn. contained brown iron oxide 1.00, polyethylene 1.67, pure oxy black 1.00, titanium dioxide 1.33, hydrogenated vegetable oil 21.00, hydrogenated coco-glycerides 17.00, caprylic/capric triglycerides 9.00, beeswax 4.00, hydrogenated lanolin 3.00, dimethicone 1.00, and kaolin 40.00% by wt.				
ST	eyebrow pencil pigment ; iron oxide eyebrow pencil; titanium oxide eyebrow pencil				
IT	Beeswax Particle size distribution Pigments , nonbiological (eyebrow pencil compns. contg. agglomerated pigments)				
IT	Oxides (inorganic), biological studies Waxes RL: BUU (Biological use, unclassified); BIOL (Biological study); USES				

(Uses)
 (eyebrow pencil compns. contg. agglomerated **pigments**)
 IT **Cosmetics**
 (eyebrow pencils; eyebrow pencil compns. contg. agglomerated **pigments**)
 IT Hair preparations
 (growth stimulants; eyebrow pencil compns. contg. agglomerated **pigments**)
 IT 1332-37-2, Iron oxide, biological studies 13463-67-7,
Titanium oxide, biological studies 52357-70-7,
Brown Iron oxide
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (eyebrow pencil compns. contg. agglomerated **pigments**)

L138 ANSWER 4 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:631837 HCAPLUS

DN 133:227581

TI **Cosmetic powder** compositions

IN Maruyama, Shuji; Torizuka, Makoto; Ito, Gensho

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-02

ICS A61K007-021; A61K007-035

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000247835	A2	20000912	JP 1999-50961	19990226
AB	<p>The invention relates to a cosmetic powder compn. providing light use feel and natural gloss, wherein the powder compn. contains pigment powder, e.g. TiO2, ZnO2, iron oxide, and tar dye, and powder having specified gloss property, e.g. metal oxide-coated powder. A foundation contg. TiO2-coated mica (Timiron super silk MP-1005) 10, nylon powder 10, TiO2 5, red iron oxide 2, yellow iron oxide 4, black iron oxide 1, TiO2 fine particle 5, talc 52.9, dimethylpolysiloxane 5, UV-absorber 5, and preservative 0.1 % was prepd.</p>				
ST	cosmetic powder metal oxide coated particle				
IT	Polysiloxanes, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(Me hydrogen, titania-coated mica treated with; cosmetic powder compns. providing natural gloss contg.)				
IT	Cosmetics				
	(foundations; cosmetic powder compns. providing natural gloss)				
IT	Cosmetics				
	(powders; cosmetic powder compns. providing natural gloss)				
IT	Pigments, nonbiological				
	(tar; cosmetic powder compns. providing natural gloss contg.)				
IT	1309-37-1, Red iron oxide , biological studies 1314-13-2, Zinc oxide , biological studies 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide , biological studies 51274-00-1, Yellow iron oxide 230950-39-7, Timiron super silk MP-1005				

230950-40-0, **Flamenco** satin pearl 3500

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic powder** compns. providing natural gloss contg.)

L138 ANSWER 5 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:553386 HCAPLUS

DN 133:155171

TI Cholesterol sulfate compositions for enhancement of stratum corneum function

IN Maes, Daniel H.; Marenus, Kenneth D.; Fthenakis, Christina G.

PA **Color Access**, Inc., USA

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-48

ICS A61K007-42

CC 62-4 (Essential Oils and **Cosmetics**)

Section cross-reference(s): 1

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000045786	A1	20000810	WO 2000-US2750	20000202
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP	1069883	A1	20010124	EP 2000-905946	20000202
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1999-246607		19990208		
	WO 2000-US2750		20000202		
AB	The present invention provides a method of retarding desquamation of the stratum corneum, and maintaining stratum corneum thickness, by applying to the skin an effective amt. of cholesterol sulfate. The retardation of desquamation can be useful in enhancing the skin's own UV protection, in prolonging the retention time of a sunless tan, and generally reducing the appearance of lines and wrinkles assocd. with both photo- and chronoaging. Effects of 0.5 cholesterol sulfate twice daily on skin flakiness, as an indicator of its effect in reducing desquamation, was studied in 21-65 yr old subjects. The treated skin showed a 22.5% decrease in flakiness relative to baseline after 2 wk, and a 24.1% decrease after 4 wk. Formulation of a prepn. contg. 0.2% sodium cholesterol sulfate is disclosed.				
ST	cholesterol sulfate skin stratum corneum				
IT	Fatty acids, biological studies				
	RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(C12-20; cholesterol sulfate compns. for enhancement of stratum corneum function)				
IT	Cosmetics				
	(antiaging; cholesterol sulfate compns. for enhancement of stratum corneum function)				
IT	Sunscreens				
	(cholesterol sulfate compns. for enhancement of stratum corneum function)				
IT	Ceramides				
	Cerebrosides				
	Fatty acids, biological studies				

Sterols

RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cholesterol sulfate compns. for enhancement of stratum corneum function)

IT Skin

(stratum corneum; cholesterol sulfate compns. for enhancement of stratum corneum function)

IT Cosmetics

(wrinkle-preventing; cholesterol sulfate compns. for enhancement of stratum corneum function)

IT 57-88-5, Cholesterol, biological studies 69-72-7D, derivs. 76-22-2, Camphor 79-10-7D, Acrylic acid, di-Ph derivs. 101-05-3D, Triazine, derivs. 119-61-9D, Benzophenone, derivs. 120-46-7D, Dibenzoylmethane, derivs. 150-13-0D, Paba, derivs. 288-32-4D, Imidazole, derivs. 1256-86-6, Cholesterol sulfate 1314-13-2, Zinc oxide, biological studies 1332-37-2, Iron oxide, biological studies 2864-50-8, Sodium cholesteryl sulfate 4151-45-5D, Cinnamate, derivs., biological studies 6217-54-5, Dha 13463-67-7, Titanium dioxide, biological studies
RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cholesterol sulfate compns. for enhancement of stratum corneum function)

RE.CNT 7

RE

- (1) Abe; HCAPLUS
- (2) Beiersdorf Ag; DE 19834812 A 2000 HCAPLUS
- (3) Bernstein, J; WO 9001323 A 1990 HCAPLUS
- (4) Henkel Kgaa; DE 19642872 C 1998 HCAPLUS
- (5) Kanebo Ltd Japan; JP 60161911 A 1985 HCAPLUS
- (6) Wilden; HCAPLUS
- (7) Wilden; FRAGRANCE J 1999, V27(10), P71

L138 ANSWER 6 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:441436 HCAPLUS

DN 133:75386

TI Pigment mixtures and their applications

IN Pfaff, Gerhard; Schoen, Sabine; Nishimagi, Atsuko

PA Merck Patent G.m.b.H., Germany

SO Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

DT Patent

LA English

IC ICM C09C001-00

ICS C09D011-02

CC 42-6 (Coatings, Inks, and Related Products)

Section cross-reference(s): 37, 62

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1013724	A1	20000628	EP 1999-125928	19991223
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000198944	A2	20000718	JP 1999-360804	19991220
	CN 1258700	A	20000705	CN 1999-126447	19991221
PRAI	EP 1998-124473		19981223		
AB	Pigment mixts. for use in varnishes, paints, printing inks, masterbatches, plastics and cosmetic formulations contain .gtoreq.2 components, component A being Al2O3 flakes coated with .gtoreq.1 metal, metal oxide and/or metal sulfide and component B being special-effect pigments.				
ST	coated alumina flake pigment mixt; paint pigment mixt; pearl luster pigment; cosmetic formulation pigment; intaglio printing ink pigment				
IT	Sulfides, uses				

RL: MOA (Modifier or additive use); USES (Uses)
(alumina flakes coated by; pigment mixts. contg. coated alumina flakes
and special-effect pigments)

IT **Cosmetics**
(eye shadows; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **Inks**
(intaglio; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **Silicates, uses**
RL: MOA (Modifier or additive use); USES (Uses)
(phyllo-; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **Paints**
Pigments, nonbiological
(pigment mixts. contg. coated alumina flakes and special-effect
pigments)

IT **Carbon black, uses**
RL: MOA (Modifier or additive use); USES (Uses)
(pigment mixts. contg. coated alumina flakes and special-effect
pigments)

IT **Coating materials**
(**powder**; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **Bath preparations**
(shower gel; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **Mica-group minerals, uses**
RL: MOA (Modifier or additive use); USES (Uses)
(titania-coated; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT 7429-90-5, Aluminum, uses
RL: MOA (Modifier or additive use); USES (Uses)
(Chromal IV; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **1309-37-1, Iron trioxide, uses 13463-67-7, Titania, uses**
RL: MOA (Modifier or additive use); USES (Uses)
(alumina flakes coated by; pigment mixts. contg. coated alumina flakes
and special-effect pigments)

IT 7631-86-9, Silica, uses
RL: MOA (Modifier or additive use); USES (Uses)
(flakes, coated; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT **126776-85-0, Timiron Super Blue 142661-63-0, Iriodin**
121
RL: MOA (Modifier or additive use); USES (Uses)
(pigment mixts. contg. coated alumina flakes and special-effect
pigments)

IT 9003-53-6, Polystyrene
RL: POF (Polymer in formulation); USES (Uses)
(pigment mixts. contg. coated alumina flakes and special-effect
pigments)

IT 7782-42-5, Graphite, uses
RL: MOA (Modifier or additive use); USES (Uses)
(platelets; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

IT 1344-28-1, Alumina, uses
RL: MOA (Modifier or additive use); USES (Uses)
(titania-coated; pigment mixts. contg. coated alumina flakes and
special-effect pigments)

RE.CNT 2

RE

- (1) Eckart-Werke; DE 19820112 A 1999 HCAPLUS
- (2) Merck Patent GmbH; EP 0763573 A 1997 HCAPLUS

AN 2000:401618 HCAPLUS
 DN 133:34320
 TI Compositions with enhanced photoprotective effect and method for using same
 IN Lentini, Peter J.; Dwyer, Rosa M.
 PA **Color Access**, Inc., USA
 SO PCT Int. Appl., 15 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-42
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000033803	A1	20000615	WO 1999-US29259	19991210
	W: AU, CA, JP, KR, SG, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1998-111775		19981210		
AB	The present invention relates to a sunscreen compn. for topical application to the skin comprising a fluoro-resin having a submicron particle size in combination with a sunscreen agent and an oil component. These compns. provide a boost in the SPF value of the compn. The invention also provides methods relating to the use of these compns. for boosting the SPF and decreasing the irritation on the skin caused by irritating sunscreen agents. A sunscreen compn. (SPF 15) contg. octyl methoxycinnamate 8, PTFE 2.8, and cosmetically effective ingredients to 100 % was formulated.				
ST	sunscreen fluoro-resin particle SPF enhancement; PTFE octyl methoxycinnamate sunscreen				
IT	Sunscreens (sunscreen compns. contg. fluoro-resin particles for enhanced photoprotective effects)				
IT	Fluoropolymers, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (sunscreen compns. contg. fluoro-resin particles for enhanced photoprotective effects)				
IT	5466-77-3 9002-84-0, Polytetrafluoroethylene 13463-67-7, Titanium dioxide , biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (sunscreen compns. contg. fluoro-resin particles for enhanced photoprotective effects)				

RE.CNT 6

RE

- (1) L'Oreal; EP 0704205 A 1996 HCAPLUS
- (2) McCreery, M; US 5607979 A 1997 HCAPLUS
- (3) Oshima, K; US 5827507 A 1998 HCAPLUS
- (4) Potter, R; US 5622690 A 1997 HCAPLUS
- (5) Shamrock Technologies Inc; WO 9846200 A 1998 HCAPLUS
- (6) Shiseido Co Ltd; JP 09-263523 A 1997 HCAPLUS

L138 ANSWER 8 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:307080 HCAPLUS
 DN 132:313339
 TI Transfer resistant color **cosmetic** compositions
 IN Konik, Richard A.; Painter, Rachel J.; Stepniewski, George J.; Davis, Suzanne J.
 PA **Color Access**, Inc., USA
 SO U.S., 3 pp., Cont.-in-part of U.S. 5,959,009.
 CODEN: USXXAM
 DT Patent
 LA English
 IC ICM A61K007-00

NCL 424401000

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6060072	A	20000509	US 1997-985770	19971205
	US 5959009	A	19990928	US 1997-962100	19971031
	WO 9922710	A1	19990514	WO 1998-US22956	19981029
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9912872	A1	19990524	AU 1999-12872	19981029
	EP 966263	A1	19991229	EP 1998-956320	19981029
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2001503070	T2	20010306	JP 1999-526496	19981029
PRAI	US 1997-962100		19971031		
	US 1997-985770		19971205		
	WO 1998-US22956		19981029		
AB	The invention relates to transfer-resistant color cosmetic compns. comprising a film forming agent, a volatile oil, a styrene-ethylene-propylene copolymer as gellant, and optionally, a pigment.				
ST	cosmetic waterproof ethylene propylene styrene copolymer				
IT	Isoalkanes				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(C6-9; transfer-resistant color cosmetic compns. contg. styrene-ethylene-propylene copolymer as gellant)				
IT	Hydrocarbons, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(C9-12; transfer-resistant color cosmetic compns. contg. styrene-ethylene-propylene copolymer as gellant)				
IT	Cosmetics				
	(eye liners; transfer-resistant color cosmetic compns. contg. styrene-ethylene-propylene copolymer as gellant)				
IT	Gelation agents				
	Pigments , nonbiological				
	(transfer-resistant color cosmetic compns. contg. styrene-ethylene-propylene copolymer as gellant)				
IT	Cosmetics				
	(water-resistant; transfer-resistant color cosmetic compns. contg. styrene-ethylene-propylene copolymer as gellant)				
IT	1332-37-2 , Iron oxide, biological studies 9002-88-4, Polyethylene 12001-31-9, Quaternium-18 hectorite 25608-79-1, Ethylene-propylene-styrene copolymer 28211-18-9, Eicosene-PVP copolymer 31807-55-3, Isododecane 56275-01-5 157148-07-7				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(transfer-resistant color cosmetic compns. contg. styrene-ethylene-propylene copolymer as gellant)				

RE.CNT 12

RE

- (1) Anon; EP 497144 B1 1992 HCAPLUS
- (2) Anon; WO 9219215 1992 HCAPLUS
- (3) Anon; WO 9412190 1994 HCAPLUS
- (4) Anon; WO 9417775 1994 HCAPLUS
- (5) Anon; JP 09-143029 1997 HCAPLUS
- (6) Anon; WO 9729842 1997 HCAPLUS
- (7) Anon; WO 9842298 1998 HCAPLUS

- (8) Cashin; US 5756082 1998 HCAPLUS
- (9) Da Cunha; US 5356627 1994 HCAPLUS
- (10) DesLauriers; US 5221534 1993 HCAPLUS
- (11) Dixon; US 5026540 1991 HCAPLUS
- (12) Snyder; US 5389363 1995 HCAPLUS

L138 ANSWER 9 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:139135 HCAPLUS

DN 132:198857

TI **Cosmetic emulsions containing fine titanium oxide-coated mica and titanium oxide and/or zinc oxide-contg. silicon dispersions**

IN Ito, Motoaki; Torizuka, Makoto

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-02

ICS A61K007-00; A61K007-035

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000063238	A2	20000229	JP 1998-235777	19980821
AB	The invention relates to a cosmetic emulsion providing improved finishing effect while maintaining sufficient UV-shielding effect, wherein the cosmetic emulsion contains (1) TiO2-coated mica having av. particle size of .ltoreq. 30 .mu.m, and (2) fine TiO2 particle and/or fine ZnO particle silicone dispersion. A cream foundation contg. ZnO.cntdot. TiO2 silicone dispersion 12, perfluoroalkyl phosphate diethanolamine salt-coated sericite 4, perfluoroalkyl phosphate diethanolamine salt-treated TiO2-coated mica having av. particle size of 18.3 .mu.m 7, and other ingredients q.s. to 100 % was prepd.				
ST	cosmetic emulsion sunscreen titanium oxide mica				
IT	Sunscreens (cosmetic emulsions contg. fine titanium oxide-coated mica and TiO2 and/or ZnO-contg. silicon dispersions)				
IT	Mica-group minerals, biological studies Polysiloxanes, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (cosmetic emulsions contg. fine titanium oxide-coated mica and TiO2 and/or ZnO-contg. silicon dispersions)				
IT	Cyclosiloxanes RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses). (di-Me; cosmetic emulsions contg. fine titanium oxide-coated mica and TiO2 and/or ZnO-contg. silicon dispersions)				
IT	Cosmetics (emulsions; cosmetic emulsions contg. fine titanium oxide-coated mica and TiO2 and/or ZnO-contg. silicon dispersions)				
IT	Cosmetics (foundations; cosmetic emulsions contg. fine titanium oxide-coated mica and TiO2 and/or ZnO-contg. silicon dispersions)				
IT	1314-13-2, Zinc oxide , biological studies 13463-67-7, Titanium oxide , biological studies 99332-54-4, Timiron MP 1001 Supersheen 180390-20-9, Timiron super silk 259796-70-8,				

Flamenco Super Pearl 120C 259796-71-9, Timica Extra Bright 1500
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(**cosmetic** emulsions contg. fine **titanium**
oxide-coated mica and **TiO2** and/or
 ZnO-contg. silicon dispersions)

IT **12174-53-7, Sericite**

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(perfluoroalkyl phosphate diethanolamine salt-coated; **cosmetic**
 emulsions contg. fine **titanium oxide-coated**
mica and **TiO2** and/or ZnO-contg. silicon dispersions)

L138 ANSWER 10 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:79100 HCAPLUS

DN 132:127467

TI **Cosmetics** containing **powders** with specific color
 difference and pigments with specific optical properties

IN Hase, Noboru; Aosaki, Taisuke; Kaneko, Tomomichi; Minami, Koji

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A61K007-02

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000034203	A2	20000202	JP 1999-133086	19990513
PRAI	JP 1998-130233		19980513		

AB The **cosmetics**, which show desirable skin color, contain (A)
powders showing color difference (.DELTA.E; definition given) 7-40
 and (B) pigments having an inflection point at .gtoreq.600 nm in
 reflection spectra. A **powder** foundation was prepd. from nylon
powder 10, **Flamenco** Satin Orange (.DELTA.E 31.7) 5,
talc 20, **TiO2** 10, **CaFe2O4** (prepn. given) 1.8,
yellow iron oxide 2.5, **black**
iron oxide 0.1, liq. paraffin 8, beeswax 2, antiseptic,
 perfume, and **mica** to 100 wt.%.
 ST **cosmetic powder** color difference pigment; calcium iron
 oxide pigment **cosmetic**

IT Pigments, nonbiological

(**cosmetics** contg. **powders** with specific color
 difference and pigments with specific optical properties)

IT **Cosmetics**

(makeups; **cosmetics** contg. **powders** with specific
 color difference and pigments with specific optical properties)

IT **224961-07-3, Flamenco** Satin Blue **224961-08-4,**

Flamenco Satin Green **224961-09-5, Flamenco**
 Satin Orange **224961-12-0, Flamenco** Satin Red
224961-13-1, Flamenco Satin Violet

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(**cosmetics** contg. **powders** with specific color
 difference and pigments with specific optical properties)

IT 11113-52-3P, Calcium iron oxide 12013-33-1P, Calcium iron oxide
 (CaFe2O4)

RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(**cosmetics** contg. **powders** with specific color
 difference and pigments with specific optical properties)

IT 1260-17-9, Carminic acid 5858-81-1, Japan Red 201

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(supported on alumina; **cosmetics** contg. **powders**
with specific color difference and pigments with specific optical
properties)

L138 ANSWER 11 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:819205 HCAPLUS

DN 132:54601

TI Natural look **cosmetic** compositions containing silica beads and
selected **pigments**

IN Painter, Rachel J.; Cohen, Issac D.

PA **Color Access**, Inc., USA

SO PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9966883	A2	19991229	WO 1999-US13240	19990610
	W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	US 6117435	A	20000912	US 1998-103989	19980624
	AU 9945621	A1	20000110	AU 1999-45621	19990610
	EP 1047371	A1	20001102	EP 1999-928586	19990610
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI		
PRAI	US 1998-103989		19980624		
	WO 1999-US13240		19990610		
AB	The invention relates to a compn. for topical application to the skin comprising: (a) silica beads comprising an inner core of silica, a middle layer of metal oxide , and an outer layer of silica; (b) at least one interference pigment ; and optionally (c) at least one non- interference pigment , in a cosmetically or pharmaceutically acceptable vehicle. The compns. of the invention confer a natural appearance to the skin, also reducing the appearance of flaws or defects in the skin without conferring an opaque or made-up appearance. A water-in-silicone emulsion contained (1) phase 1 comprising phenyltrimethicone 10.5, phenyltrimethicone/Quaternium-18/hectorite/triethyl citrate 2, BHT 0.1, propylparaben 0.1, iron oxide 1.2, and methicone-coated titania 3.8 %; (2) phase 2 comprising cyclomethicone 10, cyclomethicone/dimethicone copolyol 16, and laureth-7 0.5 %; (3) phase 3 contg. multilayered silica beads 7 and titania-coated mica 10 %; and (4) phase 4 contg. purified water 36.3, phenoxyethanol 0.5, and Mg sulfate 2 %.				
ST	cosmetic makeup multilayered silica bead mica				
IT	Pigments , nonbiological (azo, diarylide yellow; natural-look cosmetics contg. silica beads and mica and pigments)				
IT	Dyes (bromo; natural-look cosmetics contg. silica beads and mica and pigments)				
IT	Cosmetics (emulsions; natural-look cosmetics contg. silica beads and mica and pigments)				
IT	Cosmetics (foundations ; natural-look cosmetics contg. silica beads and mica and pigments)				

IT **Pigments, nonbiological**
(lakes; natural-look **cosmetics** contg. silica beads and mica and **pigments**)

IT **Cosmetics**
(moisturizers; natural-look **cosmetics** contg. silica beads and mica and **pigments**)

IT **Pigments, nonbiological**
(natural-look **cosmetics** contg. silica beads and mica and **pigments**)

IT Kaolin, biological studies
Mica-group minerals, biological studies
Oxides (inorganic), biological studies
Polysiloxanes, biological studies
Zeolites (synthetic), biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(natural-look **cosmetics** contg. silica beads and mica and **pigments**)

IT 9003-27-4, Polyisobutene 31807-55-3, Isododecane
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(as oil vehicle; natural-look **cosmetics** contg. silica beads and mica and **pigments**)

IT 147-14-8, Phthalocyanine blue 1314-13-2, **Zinc oxide**, biological studies 1328-53-6, Phthalocyanine green 1332-37-2, Iron oxide, biological studies 7631-86-9, Silica, biological studies 10101-66-3, **Manganese violet** 11118-57-3, **Chrome oxide** 13463-67-7, Titania, biological studies 14807-96-6, Talc, biological studies 25869-00-5, **Ferric ammonium ferrocyanide** 57455-37-5, **Ultramarine blue** 85568-69-0, **Pigment orange**
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(natural-look **cosmetics** contg. silica beads and mica and **pigments**)

L138 ANSWER 12 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:764117 HCAPLUS

DN 132:23886

TI **Interference** pigment blends with improved covering power

IN Vogt, Reiner; Schoen, Sabine; Schul, Norbert; Osterried, Karl; Munz, Johann

PA Merck Patent G.m.b.H., Germany

SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA German

IC ICM C09C001-00

ICS C09D005-36; C09D011-02; C08K009-02; A61K007-00

CC 42-6 (Coatings, Inks, and Related Products)

Section cross-reference(s): 37, 62

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9961529	A1	19991202	WO 1999-EP3423	19990518
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 19823866	A1	19991202	DE 1998-19823866	19980528

AU 9943628 A1 19991213 AU 1999-43628 19990518
PRAI DE 1998-19823866 19980528
WO 1999-EP3423 19990518
AB The title mixts., useful in paints, coatings, printing inks, master
batches, plastics and **cosmetic** formulations, consist of
.gto req.2 constituents, constituent A being SiO₂ platelets coated with
.gto req.1 metal oxides and/or metals, and constituent B being glossy
pigments.
ST **interference** pigment blend improved covering power; effect
pigment blend improved covering power
IT Carbon black, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(FW 200, pigment; **interference** pigment blends with improved
covering power)
IT Pigments, nonbiological
(**interference** pigment blends with improved covering power)
IT Food
Seed
(**interference** pigment blends with improved covering power for
coloration of)
IT Plastics, miscellaneous
RL: MSC (Miscellaneous)
(**interference** pigment blends with improved covering power for
coloration of)
IT Coating materials
Cosmetics
(**interference** pigment blends with improved covering power for
use in)
IT Coating materials
(**powder**; **interference** pigment blends with improved
covering power for use in)
IT Inks
(printing; **interference** pigment blends with improved covering
power for use in)
IT 7429-90-5, Aluminum, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(Cromal IV, particles; **interference** pigment blends with
improved covering power contg. silica flakes coated with)
IT **13463-67-7, Titanium dioxide**, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(coating on silica platelets; **interference** pigment blends
with improved covering power)
IT 7631-86-9, Silica, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(flakes, iron oxide-coated; **interference** pigment blends with
improved covering power)
IT 14302-13-7, Monastral Green 6Y **51274-00-1**, Cappelxyl Yellow 4214
126776-85-0, Timiron Super Blue 142661-63-0, Iriodin
121 Rutile Luster Satin
RL: TEM (Technical or engineered material use); USES (Uses)
(**interference** pigment blends with improved covering power)
IT **14807-96-6, Talc**, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(**interference** pigment blends with improved covering power
contg. **interference** pigments and)
IT **1309-37-1, Iron oxide (Fe₂O₃)**, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(**interference** pigment blends with improved covering power
contg. silica flakes coated with)

RE.CNT 4

RE

- (1) BASF AG; EP 0562329 A 1993 HCAPLUS
- (2) BASF AG; DE 19614636 A 1997 HCAPLUS
- (3) BASF AG; DE 19614637 A 1997 HCAPLUS
- (4) Merck Patent GmbH; DE 4240511 A 1994 HCAPLUS

L138 ANSWER 13 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:716142 HCAPLUS

DN 131:341763

TI Makeup **cosmetics** containing spherical **powder** and perfluoroalkyl compound-treated **powder**

IN Nishimura, Hiromutsu; Nakamura, Naoki

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-02

ICS A61K007-00

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11310516	A2	19991109	JP 1998-134364	19980428
AB	The makeup cosmetics , which show defocusing effect based on their diffuse reflection property to give natural appearance to skin and also cover skin defects, contain (surface-treated) spherical powders and powder treated with perfluoroalkyl compds. Polymer hollow microbeads 50, TiO2 treated with heptadecafluorodecyltrimethoxysilane (I) and baked at 200.degree. 20, red Fe oxide treated with I and baked at 200.degree. 1, yellow Fe oxide treated with I and baked at 200.degree. 8, talc treated with I and baked at 200.degree. 11, dimethicone 8, and triglycerin diisostearate 2 parts were mixed to give a foundation.				
ST	makeup cosmetic powder perfluoroalkyl compd coating defocusing effect; titania coating fluorodecylmethoxysilane defocusing effect makeup cosmetic				
IT	Silsesquioxanes RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (Me, Tospearl 120A; makeup cosmetics contg. spherical powder and perfluoroalkyl compd.-coated powder with defocusing effect)				
IT	Cosmetics (foundations; makeup cosmetics contg. spherical powder and perfluoroalkyl compd.-coated powder with defocusing effect)				
IT	Silicates, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (insol., spherical powder ; makeup cosmetics contg. spherical powder and perfluoroalkyl compd.-coated powder with defocusing effect)				
IT	Cosmetics (makeup cosmetics contg. spherical powder and perfluoroalkyl compd.-coated powder with defocusing effect)				
IT	Cosmetics (makeups; makeup cosmetics contg. spherical powder and perfluoroalkyl compd.-coated powder with defocusing effect)				
IT	Balloons Microspheres (microballoons; makeup cosmetics contg. spherical powder and perfluoroalkyl compd.-coated powder with defocusing effect)				
IT	Acrylic polymers, biological studies Polyamides, biological studies Polysiloxanes, biological studies Silica gel, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				

(spherical **powder**; makeup **cosmetics** contg. spherical **powder** and perfluoroalkyl compd.-coated **powder** with defocusing effect)

IT 1309-37-1, Iron oxide (Fe₂O₃), biological studies
 12174-53-7, **Sericite** 13463-67-7, Titania, biological studies 14807-96-6, **Talc**, biological studies 51274-00-1, **Yellow iron oxide** 83048-65-1 131651-58-6, Pentafluorotrimethoxybutylsilane 224961-12-0, **Flamenco** Satin Red 249577-07-9, Trimethoxytridecafluorooctadecylsilane
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (makeup **cosmetics** contg. spherical **powder** and perfluoroalkyl compd.-coated **powder** with defocusing effect)

IT 7631-86-9, Silica, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (silica-doped titania-silica, spherical **powder**; makeup **cosmetics** contg. spherical **powder** and perfluoroalkyl compd.-coated **powder** with defocusing effect)

IT 1344-95-2, Calcium silicate
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (spherical **powder**; makeup **cosmetics** contg. spherical **powder** and perfluoroalkyl compd.-coated **powder** with defocusing effect)

L138 ANSWER 14 OF 26 HCAPLUS COPYRIGHT 2001 ACS
 AN 1999:715040 HCAPLUS
 DN 131:341762
 TI **Cosmetics** containing highly-viscous oils and **powder** treated with perfluoroalkyl compounds
 IN Nishimura, Hiromutsu; Nakamura, Naoki
 PA Pola Chemical Industries, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM A61K007-02
 ICS A61K007-035
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11310517	A2	19991109	JP 1998-134442	19980428

AB The **cosmetics**, which show high water- and oil-repellency and have long-lasting makeup effect, contain highly-viscous oils and **powder** treated with perfluoroalkyl compds. The highly-viscous oils may be (a) esters of C12-30 branched fatty acids and/or unsatd. (hydroxy)fatty acids with propylene glycol, glycerin, neopentyl glycol, dipropylene glycol, polyglycerin, C12-30 branched or unsatd. alcs. and/or (b) highly-viscous silicones. Polymer hollow microbeads 49, Japan Red 226 0.1, lithium cobalt titanate 0.1, metal-doped **TiO₂** 0.8, **TiO₂** treated with heptadecafluorodecyltrimethoxysilane (I) and baked at 200.degree. 20, **red Fe oxide** treated with I and baked at 200.degree. 1, **yellow Fe oxide** treated with I and baked at 200.degree. 8, **talc** treated with I and baked at 200.degree. 11, dimethicone (20 cSt) 8, and glyceryl triisostearate 2 parts were mixed to give a foundation.

ST makeup **cosmetic** highly viscous oil perfluoro compd coated **powder**; titania fluorodecylmethoxysilane coated highly viscous glyceryl triisostearate makeup **cosmetic**

IT **Cosmetics**
 Iridescent materials
 (long-lasting makeup **cosmetics** contg. highly-viscous oils and **powder** treated with perfluoroalkyl compds.)

IT Castor oil
Jojoba oil
Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(long-lasting makeup **cosmetics** contg. highly-viscous oils and
powder treated with perfluoroalkyl compds.)

IT **Cosmetics**
(makeups; long-lasting makeup **cosmetics** contg. highly-viscous
oils and **powder** treated with perfluoroalkyl compds.)

IT **1309-37-1**, Iron oxide (Fe₂O₃), biological studies 9005-12-3,
Methylphenylsilanediol homopolymer, sru 9006-65-9, Dimethicone
9016-00-6, Dimethylsilanediol homopolymer, sru 11094-60-3, Decaglycerin
decaoleate **12174-53-7**, **Sericite 13463-67-7**,
Titania, biological studies **14807-96-6**, **Talc**,
biological studies 17673-49-3, Oleic acid octadecyl ester 26942-95-0,
Glyceryl triisostearate 31230-04-3, Methylphenylsilanediol homopolymer
31900-57-9, Dimethylsilanediol homopolymer **51274-00-1**,
Yellow iron oxide 66082-42-6, Triglyceryl
diisostearate 68958-48-5, Glyceryl diisostearate 68958-54-3, Propylene
glycol diisostearate 81752-33-2, Diglyceryl monoisostearate 83048-65-1
83689-44-5, Diglyceryl tetraoleate 93803-88-4, Isostearic acid octadecyl
ester 95461-48-6, Decaglycerin decaisostearate 131651-58-6,
Pentafluorotrimethoxybutylsilane **224961-12-0**, **Flamenco**
Satin Red 249577-07-9, Trimethoxytridecafluorooctadecylsilane
249579-12-2, Dipropylene glycol dioleate
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(long-lasting makeup **cosmetics** contg. highly-viscous oils and
powder treated with perfluoroalkyl compds.)

L138 ANSWER 15 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:420847 HCAPLUS

DN 131:106609

TI **Cosmetic powder** showing high reflectivity

IN Ito, Motoaki; Torizuka, Makoto

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A61K007-00; A61K007-02

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11180817	A2	19990706	JP 1997-354737	19971224
AB	<p>The powder, which gives natural brightness and elasticity to skin, shows the following phys. property: when the powder is uniformly spread over a flat material and the glossiness is measured by a glossmeter, R₀/R_{0'} is 6.0-9.0 and R₃₅/R_{35'} is .gtoreq.3.5, where R₀ is glossiness of a reflected light component measured at angle of incidence 55.degree. and angle of detection -55.degree., R₃₅ is glossiness of a reflected light component measured at angle of incidence 75.degree. and angle of detection -35.degree., and R_{0'} and R_{35'} are those of a BaSO₄ std. white plate, resp. The powder may be hydrophobized. The powder may be coated with metal oxide particles. A pressed powder was prepd. from Timiron super silk MP 1005 (TiO₂-coated mica) 10.0, red Fe oxide 0.4, yellow Fe oxide 0.5, black Fe oxide 0.1, Mg stearate 5.0, octyl methoxycinnamate 1.0, perfume, antiseptic, and talc balance.</p>				
ST	cosmetic powder glossiness control; brightness				
IT	Cosmetics				

- (glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)
- IT **Mica-group minerals, biological studies**
 RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)
- IT **Cosmetics**
 (powders; glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)
- IT **Mica-group minerals, biological studies**
 RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (titanium, perfluoroalkyl phosphate diethanolamine salts-coated; glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)
- IT **230950-39-7, Timiron Super Silk MP 1005**
230950-40-0, Flamenco Satin Pearl 3500
 RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)
- IT 7664-38-2D, Phosphoric acid, perfluoroalkyl esters, diethanolamine salts
 RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (hydrophobic coating with; glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)
- IT **1309-37-1, Iron oxide (Fe2O3); biological studies**
12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titania, biological studies 51274-00-1, Yellow iron oxide
 RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (perfluoroalkyl phosphate diethanolamine salts-coated; glossiness-controlled **cosmetic powder** giving natural brightness and elasticity to skin)

L138 ANSWER 16 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:330309 HCAPLUS

DN 131:49203

TI Metal oxide-coated **micas** for **cosmetic** makeups

IN Kaneko, Tomomichi; Hase, Noboru; Minami, Koji

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A61K007-00

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11139929	A2	19990525	JP 1997-310337	19971112
AB	Skin-color improving agents for makeups comprise powders with specified CIE color coordinate values. More specifically, the powders are micas coated with granular metal oxides, such as titania, iron oxide, and its mixt. The powders have blue-purple range reflected interference color. A foundation powder contained nylon powder 10, violet pearly substance (Flamenco Satin Violet 560M) 10, talc 20, titania 10, red iron oxide 0.8, yellow iron oxide 2.5, black iron oxide 0.1, paraffin oils 8, beeswax 2, preservatives q.s, perfumes q.s, and mica q.s. to 100 %.				

ST **cosmetic** makeup metal oxide coated **mica**
 IT **Cosmetics**
 (foundations, **powders**; metal oxide-coated **micas** for
 cosmetic makeups)
 IT **Cosmetics**
 (foundations, solids; metal oxide-coated **micas** for
 cosmetic makeups)
 IT Pearlescent pigments
 (metal oxide-coated **micas** for **cosmetic** makeups)
 IT **Mica-group minerals, biological studies**
Oxides (inorganic), biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (metal oxide-coated **micas** for **cosmetic** makeups)
 IT 1309-37-1, Iron oxide (Fe₂O₃), biological studies
 12227-89-3, **Black iron oxide**
 13463-67-7, Titania, biological studies 51274-00-1,
Yellow iron oxide 126776-85-0,
Timiron Super Blue 219484-67-0, **Flamenco Satin**
Gold 260M 227015-73-8, **Flamenco Violet** 520C
 227015-74-9, **Flamenco Blue** 620C 227015-80-7,
Flamenco Satin Blue 560M 227015-81-8, **Flamenco**
Satin Violet 560M
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (metal oxide-coated **micas** for **cosmetic** makeups)

L138 ANSWER 17 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:311084 HCAPLUS

DN 130:342774

TI Transfer-resistant color **cosmetic** compositions

IN Konik, Richard A.; Painter, Rachel J.; Stepniewski, George J.; Davis,
 Suzanne J.

PA **Color Access, Inc., USA**

SO PCT Int. Appl., 16 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-48

ICS A61K007-032; A61K007-027; A61K007-02; A61K007-025

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9922710	A1	19990514	WO 1998-US22956	19981029
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 5959009	A	19990928	US 1997-962100	19971031
	US 6060072	A	20000509	US 1997-985770	19971205
	AU 9912872	A1	19990524	AU 1999-12872	19981029
	EP 966263	A1	19991229	EP 1998-956320	19981029
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2001503070	T2	20010306	JP 1999-526496	19981029
PRAI	US 1997-962100		19971031		
	US 1997-985770		19971205		
	WO 1998-US22956		19981029		
AB	The invention relates to a transfer-resistant color cosmetic compn. comprising a film forming agent, a volatile oil, a styrene-ethylene-propylene copolymer as a gellant, and optionally, a				

pigment. A **cosmetic** compn contg. C8-9 isoparaffin 64.85, styrene-ethylene-propylene copolymer 5, trimethylsiloxysilicate 5, PVP/eicosene copolymer 5, tricontanyl PVP 5, polyethylene 5, isododecane/quaternium-18 hectorite 0.1, BHT 0.1 %, and iron oxides/methicone q.s. was formulated.

ST **cosmetic** waterproof styrene ethylene propylene copolymer
IT Hydrocarbons, biological studies
Isoalkanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(C8-20; waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT Isoalkanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(C8-9; waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT Waxes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(antural; waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT **Oxides (inorganic), biological studies**
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(**pigment**; waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT **Cosmetics**
(waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT Essential oils
Polysiloxanes, biological studies
Shellac
Terpene polymers
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT **1332-37-2, Iron oxide, biological studies**
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(**pigment**; waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

IT 9002-88-4, Polyethylene 9006-65-9, Dimethicone 24937-78-8, Ethylene vinyl acetate copolymer 25608-79-1, Ethylene-propylene-styrene copolymer 28211-18-9, Eicosene-PVP copolymer 31807-55-3, Isododecane 56275-01-5 157148-07-7, PVP-tricontanyl copolymer
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(waterproof **cosmetic** compns. contg. styrene-ethylene-propylene copolymer gellants and film-forming agents and volatile oils)

RE.CNT 8
RE
(1) Avon Prod Inc; WO 9842298 A 1998 HCAPLUS
(2) Estee Lauder Inc; EP 0497144 A 1992 HCAPLUS
(3) Estee Lauder Inc; WO 9417775 A 1994 HCAPLUS
(4) Florence, S; US 5389363 A 1995 HCAPLUS
(5) Pennzoil Prod Co; WO 9412190 A 1994 HCAPLUS
(6) Pennzoil Prod Co; WO 9729842 A 1997 HCAPLUS
(7) Procter & Gamble; WO 9219215 A 1992 HCAPLUS
(8) Richard; US 5026540 A 1991 HCAPLUS

L138 ANSWER 18 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:271022 HCAPLUS

DN 130:356906

TI **Cosmetics**

IN Kikuta, Yuko; Hase, Noboru; Fukuda, Keiichi

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-02

ICS A61K007-02; A61K007-00; A61K007-031; A61K007-032; A61K007-035

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11116441	A2	19990427	JP 1997-274572	19971007
AB	Cosmetics showing transparency and changeable color tone comprise [a] 0.1-80 wt.% powders having specified phys. properties [e.g. angle of incidence = 45.degree. when powders are painted on the surface of a synthetic black leather] and [b] 0.05-50 wt.% spherical compd. powders contg. titania or zinc oxide in the inner layer and zirconia or aluminum oxide-contg. resins or silica in the outer layer. A cosmetic rouge contained silicone-coated mica 20, hydrophobic red pearly agents 20, spherical compd. powders 10, silicone-coated talc 5, silicone-coated titania 3, silicone-coated zinc stearate 1, rice starch 0.5, colorants 10, liq. paraffin 5, preservatives and perfumes to 100 wt.%.				
ST	cosmetic rouge spherical compd powder				
IT	Makeups				
	(rouges; skin cosmetics)				
IT	Cosmetics				
	Eye shadows				
	Foundations (cosmetics)				
	Powders (cosmetics)				
	(skin cosmetics)				
IT	Polymers, biological studies				
	RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)				
	(skin cosmetics)				
IT	1314-13-2, Zinc oxide , biological studies				
	1314-23-4, Zirconia, biological studies 1344-28-1, Aluminum oxide, biological studies 7631-86-9, Silica, biological studies				
	13463-67-7, Titania, biological studies 98227-27-1, Duochrome BR				
	118442-68-5, Timiron super violet 123424-09-9,				
	Flamenco blue 126776-85-0, Timiron super blue				
	130392-54-0, Timiron super green 130392-55-1,				
	Timiron super red 224961-04-0, Duochrome YG 224961-07-3				
	, Flamenco Satin Blue 224961-08-4, Flamenco				
	Satin Green 224961-09-5, Flamenco Satin Orange				
	224961-12-0, Flamenco Satin Red 224961-13-1,				
	Flamenco Satin Violet 224961-14-2, Flamenco				
	Violet 224961-33-5, Timiron Super Copper				
	RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)				
	(skin cosmetics)				

L138 ANSWER 19 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:156323 HCAPLUS

DN 130:213469

TI **Sunscreen** agent showing ultra-spectral protection

IN Kurz, Tekla; Wille, Dorothee; Driller, Hansjuergen; Hitzel, Sabine

PA Merck Patent G.m.b.H., Germany

SO Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW
 DT Patent
 LA German
 IC ICM A61K007-42
 ICS C09C001-00
 CC 62-4 (Essential Oils and Cosmetics)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 898955	A2	19990303	EP 1998-114388	19980731
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 11116456	A2	19990427	JP 1998-223832	19980807
	US 6187298	B1	20010213	US 2000-562961	20000503
PRAI	DE 1997-19734582		19970809		
	DE 1997-19746139		19971018		
	DE 1997-19750028		19971112		
	DE 1998-19830531		19980708		
	US 1998-131692		19980810		
AB	Sunscreens which provide protection against the visible and IR regions of the spectrum are provided. Those active in the visible region contain reflecting and/or absorbing pigments, dyes, and fillers, pearly pigments, and golden, red, orange, copper, or skin-colored interference pigments (e.g. scaly or ground mica coated with SnO ₂ and/or TiO ₂ , diam. .1 to req. 15 .mu.m). Those effective at IR wavelengths are interference pigments which are white in bulk and have yellow, copper, or skin-colored interference colors, comprising scaly or ground mica coated with TiO ₂ to varying thicknesses, optionally doped with Fe or Ce (diam. 5-25 .mu.m), with a rutile or anatase structure. The sunscreens may also contain UV-filtering substances. Thus, a lipid phase contg. Eusolex 9020 1.00, Eusolex OCR 3.00, Arlatone 983 S 1.50, Arlatone 985 2.20, Brij 76 1.50, and Miglyol 812 9.50 was combined with an aq. phase contg. Eusolex VIS 5.00, liq. sorbitol F 2.50, 1,2-propanediol 2.50, preservative, Carbomer 934 0.50, Tris 0.36, and demineralized water to 100.00 wt.% at 75.degree. and cooled to produce a sunscreen prepn.				
ST	sunscreen visible IR filter; interference pigment sunscreen visible IR; mica inorg pigment sunscreen				
IT	Sunscreens				
	(gels; sunscreen agent showing ultra-spectral protection)				
IT	Optical films				
	(interference; sunscreen agent showing ultra-spectral protection)				
IT	Fillers				
	(light-absorbing and -reflecting; sunscreen agent showing ultra-spectral protection)				
IT	Optical filters				
	(near-IR; sunscreen agent showing ultra-spectral protection)				
IT	Coatings				
	(of inorg. oxides on mica crystals and powders; sunscreen agent showing ultra-spectral protection)				
IT	Films				
	(reflective; sunscreen agent showing ultra-spectral protection)				
IT	Sunscreens				
	(sticks; sunscreen agent showing ultra-spectral protection)				
IT	Dyes				
	Mica powders				
	Optical filters				
	Optical interference filters				
	Optical reflectors				
	Pearlescent pigments				
	Pigments (nonbiological)				
	Sunscreens				
	(sunscreen agent showing ultra-spectral protection)				

IT **Mica-group minerals, biological studies**
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (sunscreen agent showing ultra-spectral protection)

IT **Cosmetic gels**
 Hair gels
 Hair preparations
 (sunscreens; sunscreen agent showing ultra-spectral protection)

IT **Pigments (nonbiological)**
 (white, with interference colors; sunscreen agent showing ultra-spectral protection)

IT **13463-67-7, Titanium dioxide, biological studies** 18282-10-5, Stannic oxide
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (coating, on mica crystals and powders; sunscreen agent showing ultra-spectral protection)

IT **1317-70-0, Anatase** 1317-80-2, Rutile
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (coating, on mica crystals and powders; sunscreen agent showing ultra-spectral protection)

IT **7439-89-6, Iron, biological studies** 7440-45-1, Cerium, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (mica crystals and powders contg.; sunscreen agent showing ultra-spectral protection)

IT **220857-53-4, Eusolex IR** 220857-54-5, Eusolex VIS **220857-86-3, Timiron Silk Gold** 220857-87-4, **Timiron Silk Red**
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (sunscreen agent showing ultra-spectral protection)

L138 ANSWER 20 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:214452 HCAPLUS

DN 129:8400

TI **Cosmetics** containing **powders** having solid feel

IN Imai, Takeo; Kajiwara, Keigo; Hirose, Tomoko

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-48

ICS A61K007-00; A61K007-02

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10087471	A2	19980407	JP 1996-241721	19960912

AB **Cosmetics** [powders, foundations] having solid feel
 contain: (A) .gtoreq.10wt.% **powders** having av. particle size
 1-2.mu.m and refractive index .ltoreq. 2 and (B) **mica**, titanium
mica or **bismuth oxychloride** having av.
 particle size 10-100.mu.m.

ST **cosmetic powder foundation mica**
bismuth oxychloride

IT **Mica-group minerals, biological studies**

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(FA 500; **cosmetics** contg. **powders** having solid
 feel)

IT Foundations (**cosmetics**)

Particle size

Powders (cosmetics)

(cosmetics contg. powders having solid feel)

IT Polyamides, biological studies

Polysiloxanes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cosmetics contg. powders having solid feel)

IT 1309-37-1, Red iron oxide,

biological studies 1344-28-1, Alumina, biological studies 7440-32-6D,

Titanium, mica 7631-86-9, Silica, biological studies

7727-43-7, Barium sulfate 7787-59-9,

Bismuth oxychloride 9011-14-7, Polymethyl methacrylate

12174-53-7, Sericite 12227-89-3, Black

iron oxide 13463-67-7, Titania, biological

studies 14807-96-6, Talc, biological studies

51274-00-1, Yellow iron oxide

99332-54-4, Timiron MP 1001 Supersheen

130392-53-9, Timiron super gold 138861-13-9,

Timiron MP 115 Starluster 207409-91-4, Flamenco

Super Pearl

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cosmetics contg. powders having solid feel)

L138 ANSWER 21 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:336398 HCAPLUS

DN 124:352347

TI **Cosmetic** make-up emulsions comprising silicone oils

IN Langlois, Anne

PA Procter and Gamble Company, USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

ICS A61K007-021

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9603962	A1	19960215	WO 1995-US8340	19950630
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TT, UA, US, UZ, VN				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2195961	AA	19960215	CA 1995-2195961	19950630
	AU 9529156	A1	19960304	AU 1995-29156	19950630
	EP 774950	A1	19970528	EP 1995-924770	19950630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	CN 1154063	A	19970709	CN 1995-194323	19950630
	JP 10503515	T2	19980331	JP 1995-506496	19950630
	AU 9918508	A1	19990429	AU 1999-18508	19990301
PRAI	GB 1994-15451		19940730		
	AU 1995-29156		19950630		
	WO 1995-US8340		19950630		
AB	A make-up compn. in the form of a water-in-oil or oil-in-water emulsion comprises silicone oils selected from volatile silicones, non-volatile silicones and mixts. thereof, optionally humectant, at least one coated or uncoated iron-oxide type pigment and a TiO ₂ -coated platelet-type interference pigment material having a TiO ₂ layer thickness of from 120-160 nm or a whole no. multiple thereof. The make-up compn. exhibits improved moisturization, together with improved skin feel and appearance and color correction benefits. A makeup compn. contained				

cetyl octanoate 2.00, cyclomethicone 8.574, cyclomethicone/dimethicone copolyol 17.16, Pr paraben 0.25, laureth-7 0.5, propylene glycol/dicaprylate 0.5, **titanium dioxide** 8.25, treated **titanium dioxide** (aluminum hydrate, stearic acid) 0.25, titanated mica 0.1, talc 3.387, **Timiron** Super Green 2.0, acrylic polymers 1.0, **yellow iron oxide** 1.2, **red iron oxide** 0.49, **black iron oxide** 0.16, silica 3.0, synthetic wax 0.1, arachidyl behenate 0.3, trihydroxystearin 0.3, cyclomethicone 1.0, beeswax 1.5, aluminum magnesium hydroxy stearate/cyclomethicone 0.5, ethylene brassylate 0.05, and BHT 0.05%.

ST **cosmetic** makeup emulsion silicone oil

IT Humectants

Pigments

(**cosmetic** make-up emulsions comprising silicone oils)

IT Acrylic polymers, biological studies

Bentonite, biological studies

Chalk

Cyclosiloxanes

Fats and Glyceridic oils

Fatty acids, biological studies

Glycerides, biological studies

Glycols, biological studies

Kaolin, biological studies

Kieselguhr

Mica-group minerals, biological studies

Paraffin oils

Polyoxyalkylenes, biological studies

Siloxanes and Silicones, biological studies

Waxes and Waxy substances

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**cosmetic** make-up emulsions comprising silicone oils)

IT Fats and Glyceridic oils

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(animal, **cosmetic** make-up emulsions comprising silicone oils)

IT Polyoxyalkylenes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(di-Me, Me hydrogen siloxane-, **cosmetic** make-up emulsions comprising silicone oils)

IT Siloxanes and Silicones, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(di-Me, Me hydrogen, polyoxyalkylene-, **cosmetic** make-up emulsions comprising silicone oils)

IT **Cosmetics**

(emollients, **cosmetic** make-up emulsions comprising silicone oils)

IT Polyoxyalkylenes, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(ethers, **cosmetic** make-up emulsions comprising silicone oils)

IT Alcohols, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(fatty, **cosmetic** make-up emulsions comprising silicone oils)

IT Alcohols, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(lanolin, **cosmetic** make-up emulsions comprising silicone oils)

IT **Cosmetics**

(makeups, **cosmetic** make-up emulsions comprising silicone oils)

IT **Cosmetics**
 (moisturizers, **cosmetic** make-up emulsions comprising silicone oils)

IT Fats and Glyceridic oils
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (vegetable, **cosmetic** make-up emulsions comprising silicone oils)

IT 56-81-5, Glycerin, biological studies 111-01-3, Squalane 124-07-2D, Caprylic acid, glycerides 142-16-5, Dioctyl maleate 142-91-6, Isopropyl palmitate 334-48-5D, Capric acid, glycerides 1332-37-2, Iron oxide, biological studies 7384-98-7, Propylene glycol dicaprylate 7631-86-9, Silica, biological studies 9002-88-4, Polyethylene 9016-00-6, Dimethylsiloxane 12173-47-6, Hectorite 12174-11-7, Attapulgate 14807-96-6, Talc, biological studies 31900-57-9, Dimethylsilanediol polymer 53824-77-4, Propylene glycol dicaprate 68171-33-5, Isopropyl isostearate 137802-13-2, Cetiol SN
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (**cosmetic** make-up emulsions comprising silicone oils)

L138 ANSWER 22 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1994:37806 HCAPLUS

DN 120:37806

TI Carrageenan gel grains for **cosmetics**.

IN Noel, Hugues; Callegari, Jenan Pierre

PA Jouvance Daniel, Fr.

SO Fr. Demande, 14 pp.

CODEN: FRXXBL

DT Patent

LA French

IC ICM A61K007-48

ICS A61K007-50

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	FR 2683720	A1	19930521	FR 1991-14120	19911115
	FR 2683720	B1	19940819		

AB Title grains are prepd., which may incorporate polyvalent metal salts, marine organisms or their exts., enzymes, etc. As aq. soln. contg. .kappa.-carrageenan 3, Me paraben 0.20, and Chlorella culture conc. 1.00%, was dripped into a coagulating soln., to give gel grains, which were incorporated into **cosmetics**, such as creams or lotions.

ST carrageenan gel grain **cosmetic**

IT Blood serum

Albumins, uses

Collagens, biological studies

Enzymes

Gelatins, biological studies

Kieselguhr

Mucopolysaccharides, uses

RL: BIOL (Biological study)

(carrageenan gel grains contg., for **cosmetics**)

IT **Cosmetics**

(carrageenan gel grains for)

IT Stichococcus

(carrogonon gel grains contg., for **cosmetics**)

IT Asterionella

Ceratium (protozoan)

Chaetoceras

Chlorella

Chromulina

Coccolithus

Dinophysis

Dunaliella

Euglena
 Gyrodinium
 Hemiselms
 Isochrysis
 Planktoniella
 Porphyridium
 Scenedesmus
 Skeletonema
 Tetraselmis
 Thalassionema
 Thalassiothrix
 (ext., carrageenan gel grains contg., for **cosmetics**)

IT Salts, biological studies
 RL: BIOL (Biological study)
 (of polyvalent metals, carrageenan gel grains contg., for **cosmetics**)

IT **Mica-group minerals, biological studies**
 RL: BIOL (Biological study)
 (titanium dioxide-coated, carrageenan gel grains contg., for **cosmetics**)

IT **1308-38-9, Chromium oxide, biological studies 1314-13-2, Zinc oxide, biological studies 1332-37-2, Iron oxide, biological studies 1344-28-1, Alumina, biological studies 7447-40-7, Potassium chloride (KCl), biological studies 7631-86-9, Silica, biological studies 7681-11-0, Potassium iodide, biological studies 7727-43-7, Barium sulfate 7786-30-3, Magnesium chloride (MgCl₂), biological studies 7787-59-9, Bismuth oxychloride 9012-20-8, Antielastase 10043-52-4, Calcium chloride, biological studies 13463-67-7, Titanium oxide, biological studies 14807-96-6, Talc, biological studies 21645-51-2, Aluminum hydroxide, biological studies 130392-54-0, Timiron Super Green**
 RL: BIOL (Biological study)
 (carrageenan gel grains contg., for **cosmetics**)

IT 9000-07-1, Carrageenan 9062-07-1, .iota.-Carrageenan 9064-57-7, .lambda.-Carrageenan 11114-20-8, .kappa.-Carrageenan
 RL: BIOL (Biological study)
 (gel, grains of, for **cosmetics**)

L138 ANSWER 23 OF 26 HCAPLUS COPYRIGHT 2001 ACS

AN 1991:456944 HCAPLUS

DN 115:56944

TI Press-molded **cosmetic** composition with good pay-off

IN Verdon, Debra; Brown, Ivonne

PA Revlon, Inc., USA

SO U.S., 4 pp.

CODEN: USXXAM

DT Patent

LA English

IC ICM A61K007-02

ICS A61K007-021; A61K007-035

NCL 424063000

CC **62-1 (Essential Oils and Cosmetics)**

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4994264	A	19910219	US 1989-451204	19891215
AB	The title compns. are made by extruding a paste contg. water 5-60, hydrocolloid gum 0.1-1.0, nonaq. polar solvent 0.01-20, wetting agent 0.2-5.0, Bi oxychloride 0.1-10, powd. lubricant 0.1-10% and binder 10-90%. The lubricant is Al starch octenylsuccinate, Teflon, starch, etc. The press-molded cosmetics (face powders, blushes, eye shadows, etc.) are free of the disadvantages assocd. with the use of loose powders. A blush was made by extruding a paste made of talc 24.14, Al starch octenylsuccinate 3.64, phenoxyethanol 0.73, methylparaben 0.15, propylparaben 0.07, mica				

0.73, **Bi oxychloride-TiO2-mica**
 mixt. 3.64, ZnO 1.50, I/O black 0.15, Red No. 5 Ca **Lake** 0.11,
 I/O maroon 5.45, Kaolin 7.27, **ultramarine** blue 0.22, cloisonne
 red (**TiO2-mica-carmin** 40) 13.81,
 superpearl 100 7.27, octyl palmitate 0.91, triisocetyl citrate 0.73,
 polyglyceryl-3-diisostearate 2.18, and water 27.3 wt. parts.

ST press molded **cosmetic**
 IT Gums and Mucilages
 Acrylic polymers, biological studies
 RL: BIOL (Biological study)
 (cosmetics contg., press-molded)

IT **Cosmetics**
 (press-molded)

IT 56-87-1D, L-Lysine, laureth derivs. 7787-59-9, Bismuth oxychloride
 9002-84-0, Teflon 9002-88-4, Polyethylene 9002-92-0D, lysine derivs.
 9087-61-0 11138-66-2, Xanthan gum 63705-03-3
 RL: BIOL (Biological study)
 (cosmetics contg., press-molded)

L138 ANSWER 24 OF 26 HCAPLUS COPYRIGHT 2001 ACS
 AN 1989:483884 HCAPLUS
 DN 111:83884
 TI Sunscreens containing **titanium dioxide** and
mica as IR blockers
 IN Wortzman, Mitchell S.
 PA Neutrogena Corp., USA
 SO Brit. UK Pat. Appl., 35 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 IC ICM A61K007-42
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2206282	A1	19890105	GB 1988-14842	19880622
	GB 2206282	B2	19910515		
	US 4820508	A	19890411	US 1987-65348	19870623
	CA 1339009	A1	19970325	CA 1988-569471	19880614
PRAI	US 1987-65348		19870623		

AB A sunscreen for protecting mammalian skin from IR radiation contains
 0.5-4% by wt. **TiO2** and 0.5-5% by wt. **mica** dispersed in
 a carrier; **mica** can also be coated with **TiO2**. A skin
cosmetic contained stearic acid 10.0, jojoba oil 4.0, propylene
 glycol 4.0, octyl methoxycinnamate 5.0, benzophenone-3 4.0, **mica**
 (and) **TiO2** 4.0, BiOCl 2.0, 99% triethanolamine 2.5, PEG-40
 stearate 2.0, cetyl alc. 2.0, tocopherol acetate 1.5, stearyl alc. 1.0,
 methylparaben 0.25, propylparaben 0.15, allantoin 0.1% by wt. and H2O q.s.
 A water/oil emulsion base contg. **TiO2** or **Timiron** (
TiO2-coated **mica**) was spread onto an IR-transparent
 material, e.g. Mylar-D; the absorption of IR radiation was 0 with the
 emulsion base alone and with the base contg. Parsol Hydro (conventional
 sunscreen agent); 13.0% with benzophenone-3; 22.5% with **TiO2**,
 14.3% with **Timiron**; and 53.0% with an emulsion base contg.
 Parsol Hydro, benzophenone-3, **TiO2** and **Timiron**,
 together.

ST sunscreen IR blocker **mica titanium dioxide**
 IT **Cosmetics**
 (IR blockers for, **mica** and **titanium dioxide**
 as)

IT Infrared radiation, biological effects
 (skin-protecting agents for, **titanium dioxide** and
mica as)

IT **Mica-group minerals, biological studies**
 RL: BIOL (Biological study)
 (sunscreens contg. **titanium dioxide** and)

IT Sunburn and Suntan
(sunscreens, contg. **titanium dioxide** and
mica, as IR blockers)

IT **13463-67-7, Titanium dioxide**, biological
studies
RL: BIOL (Biological study)
(sunscreens contg. **mica** and)

L138 ANSWER 25 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN 1989:44734 HCAPLUS
DN 110:44734
TI **Cosmetic** pigment compositions containing iron oxide and
pearlescent pigments (glimmer)
IN Franz, Klaus Dieter; Stasunik, Andrea; Lenz, Gisela; Moeschl, Gernot
PA Merck Patent G.m.b.H., Fed. Rep. Ger.
SO Ger. Offen., 4 pp.
CODEN: GWXXBX
DT Patent
LA German
IC ICM A61K007-02
ICA A61K007-027; A61K007-035; A61K007-021; C09C001-24
CC 62-3 (Essential Oils and **Cosmetics**)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3636075	A1	19880428	DE 1986-3636075	19861023
	EP 264843	A2	19880427	EP 1987-115131	19871016
	EP 264843	A3	19881026		
	EP 264843	B1	19930127		
	R: DE, ES, FR, GB, IT				
	ES 2038148	T3	19930716	ES 1987-115131	19871016
	US 4828826	A	19890509	US 1987-111833	19871022
PRAI	DE 1986-3636075		19861023		

AB A shiny **pigment** compn. contains Fe **oxide** (I)
pigment scales. Such pigments may be combined with other
metal oxide-based pearlescent pigments. In contrast to
known coated pigments, I themselves are present in cryst. form; they are
hence thinner than other glimmer pigments and give a higher shine with
respect to the amt. of **pigment** added to a **cosmetic**
compn. I have a smooth crystal surface, and assocd. with this a high
refractive index, as well as a good feel on the skin. A loose face
powder contained **talc** 59, Mg stearate 5, glimmer 10,
Timiron Super Sparkle MP-148 (pearlescent **pigment**) 15,
Fe2O3 **pigment** 6, a binder 5 parts by wt., and perfume and
preservative.

ST iron oxide **cosmetic** pigment

IT **Cosmetics**
(face **powders**, pigments for, contg. iron oxide and glimmer)

IT **Cosmetics**
(lipsticks, pigments for, contg. iron oxide and glimmer)

IT **Cosmetics**
(mascaras, pigments for, contg. iron oxide and glimmer)

IT Pigments
(pearlescent, **cosmetics** contg. iron oxide and)

IT **Cosmetics**
(pencils, pigments for, contg. iron oxide and glimmer)

IT **1309-37-1, Iron oxide, Fe2O3**, uses and miscellaneous
RL: USES (Uses)
(**cosmetic** pigment mixt. contg. glimmer and)

IT **118442-67-4, Timiron** Super Sparkle MP 148
118442-68-5, Timiron Super Violet
RL: BIOL (Biological study)
(**cosmetic** pigment mixt. contg. iron oxide and)

L138 ANSWER 26 OF 26 HCAPLUS COPYRIGHT 2001 ACS
AN 1985:528813 HCAPLUS

DN 103:128813
 TI Pigmented composition for **cosmetic** pencils
 IN Carr, Raymond
 PA Atlas Pencil Co. Ltd., UK
 SO Eur. Pat. Appl., 22 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 IC ICM A61K007-032
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 145286	A2	19850619	EP 1984-307754	19841109
	EP 145286	A3	19850703		
	EP 145286	B1	19880706		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 35504	E	19880715	AT 1984-307754	19841109
	CA 1263939	A1	19891219	CA 1986-500707	19860130
PRAI	GB 1983-30201		19831111		
	EP 1984-307754		19841109		
AB	Pigmented compns. suitable for forming the core of a cosmetic pencil comprise a pigment or coloring material, plaster of Paris [26499-65-0], and mica or other laminar material, and adjuvants. Thus, a compn. for dark blue cosmetic pencil contained plaster of Paris 64.6, TiO2 6.5, mica 18.5, ferric ferrocyanide [14038-43-8] 10, and preservatives 0.4% by wt.				
ST	pigment cosmetic pencil; plaster Paris mica cosmetic pencil				
IT	Mica-group minerals, biological studies RL: BIOL (Biological study) (cosmetic pencil contg.)				
IT	Pigments (cosmetic pencils contg.)				
IT	Cosmetics (pencils, pigments and plaster of Paris in)				
IT	1309-37-1, biological studies 12227-89-3 12240-15-2 14038-43-8 26499-65-0 51274-00-1 52357-70-7 98227-05-5 98227-07-7 98227-08-8 98227-09-9 98227-10-2 98227-11-3 98227-12-4 98227-27-1 98227-28-2 98227-29-3 98227-30-6 98227-31-7 98227-41-9 98227-47-5 98227-48-6 98227-49-7 98227-50-0 98227-51-1 98227-53-3 RL: BIOL (Biological study) (cosmetic pencil contg.)				

=> sel hit rn 1138

E47 THROUGH E92 ASSIGNED

=> fil reg

FILE 'REGISTRY' ENTERED AT 16:09:34 ON 12 MAR 2001
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STRUCTURE FILE UPDATES: 11 MAR 2001 HIGHEST RN 326792-71-6
 DICTIONARY FILE UPDATES: 11 MAR 2001 HIGHEST RN 326792-71-6

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=> s e47-e92

=> d ide can tot

L140 ANSWER 1 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 259796-70-8 REGISTRY
CN Flamenco Super Pearl 120C (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:198857

L140 ANSWER 2 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 230950-40-0 REGISTRY
CN Flamenco Satin Pearl 3500 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:227581

REFERENCE 2: 131:106609

L140 ANSWER 3 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 230950-39-7 REGISTRY
CN Timiron Super Silk MP 1005 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:227581

REFERENCE 2: 131:106609

L140 ANSWER 4 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 227015-81-8 REGISTRY
CN Flamenco Satin Violet 560M (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 5 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 227015-80-7 REGISTRY
CN Flamenco Satin Blue 560M (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 6 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 227015-74-9 REGISTRY
CN Flamenco Blue 620C (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 7 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 227015-73-8 REGISTRY
CN Flamenco Violet 520C (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127471

REFERENCE 2: 131:49203

L140 ANSWER 8 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 224961-33-5 REGISTRY
CN Timiron Super Copper (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

L140 ANSWER 9 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 224961-14-2 REGISTRY
CN Flamenco Violet (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

L140 ANSWER 10 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 224961-13-1 REGISTRY
CN Flamenco Satin Violet (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127467

REFERENCE 2: 130:356906

L140 ANSWER 11 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 224961-12-0 REGISTRY
CN Flamenco Satin Red (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)
5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127467

REFERENCE 2: 131:341763

REFERENCE 3: 131:341762

REFERENCE 4: 131:161467

REFERENCE 5: 130:356906

L140 ANSWER 12 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 224961-09-5 REGISTRY
CN Flamenco Satin Orange (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127467

REFERENCE 2: 130:356906

L140 ANSWER 13 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 224961-08-4 REGISTRY
CN Flamenco Satin Green (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127467

REFERENCE 2: 130:356906

L140 ANSWER 14 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 224961-07-3 REGISTRY
CN Flamenco Satin Blue (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:127467

REFERENCE 2: 130:356906

L140 ANSWER 15 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 220857-87-4 REGISTRY
CN Timiron Silk Red (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:213469

L140 ANSWER 16 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 220857-86-3 REGISTRY
CN Timiron Silk Gold (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:213469

L140 ANSWER 17 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 219484-67-0 REGISTRY
CN Flamenco Satin Gold 260M (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN

SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:49203

REFERENCE 2: 130:100349

L140 ANSWER 18 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **207409-91-4** REGISTRY

CN Flamenco Super Pearl (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:8400

L140 ANSWER 19 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **180390-20-9** REGISTRY

CN Timiron Super Silk (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:198857

REFERENCE 2: 125:171115

REFERENCE 3: 125:171012

REFERENCE 4: 125:171011

REFERENCE 5: 125:171010

L140 ANSWER 20 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN **138861-13-9** REGISTRY

CN Timiron MP 115 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Timiron MP 115 Starluster

CN Timiron Starluster MP 115

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:8874

REFERENCE 2: 129:8400

REFERENCE 3: 128:62993

REFERENCE 4: 128:24065

REFERENCE 5: 116:91126

L140 ANSWER 21 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 130392-55-1 REGISTRY

CN Timiron Super Red (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

5 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

REFERENCE 2: 119:227334

REFERENCE 3: 118:40901

REFERENCE 4: 115:185448

REFERENCE 5: 113:217775

L140 ANSWER 22 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 130392-54-0 REGISTRY

CN Timiron Super Green (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:283909

REFERENCE 2: 130:356906

REFERENCE 3: 120:37806

REFERENCE 4: 113:217775

L140 ANSWER 23 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 130392-53-9 REGISTRY

CN Timiron Super Gold (9CI) (CA INDEX NAME)

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:355007

REFERENCE 2: 129:8400

REFERENCE 3: 115:185448

REFERENCE 4: 113:217775

L140 ANSWER 24 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 126776-85-0 REGISTRY
CN Timiron Super Blue (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
10 REFERENCES IN FILE CA (1967 TO DATE)
10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:75386

REFERENCE 2: 132:283909

REFERENCE 3: 132:127471

REFERENCE 4: 132:23886

REFERENCE 5: 131:49203

REFERENCE 6: 130:356906

REFERENCE 7: 119:227334

REFERENCE 8: 115:185448

REFERENCE 9: 113:217775

REFERENCE 10: 113:100383

L140 ANSWER 25 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 123424-09-9 REGISTRY
CN Flamenco Blue (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:356906

REFERENCE 2: 111:196807

L140 ANSWER 26 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 118442-68-5 REGISTRY
CN Timiron Super Violet (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, CIN, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:283909

REFERENCE 2: 130:356906

REFERENCE 3: 110:44734

L140 ANSWER 27 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 118442-67-4 REGISTRY
CN Timiron Super Sparkle MP 148 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 110:44734

L140 ANSWER 28 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 99332-54-4 REGISTRY
CN Timiron MP 1001 Supersheen (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Timiron Super Sheen MP 1001
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1967 TO DATE)
4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 132:198857

REFERENCE 2: 129:8400

REFERENCE 3: 116:180911

REFERENCE 4: 103:220614

L140 ANSWER 29 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 98227-51-1 REGISTRY
CN Timiron Gold MP 127 (9CI) (CA INDEX NAME)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 103:220614

REFERENCE 2: 103:128813

L140 ANSWER 30 OF 46 REGISTRY COPYRIGHT 2001 ACS
RN 57455-37-5 REGISTRY
CN C.I. Pigment Blue 29 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN BSD 1
CN C.I. 77007
CN Cosmetic Blue U
CN CR 50
CN CR 50 (pigment)
CN Daiichi Violet DV 1
CN G 90

CN G 90 (pigment)
CN Gunjo 2000
CN Gunjo 4000
CN Gunjo 8000
CN PB 100
CN PB 100 (pigment)
CN PB 80
CN Pigment Blue 29
CN Reckitts Ultramarine Blue
CN Sanylene Blue 39-93
CN Ultrablue
CN Ultramarine
CN Ultramarine (pigment)
CN Ultramarine Blue
CN Ultramarine Blue 1500
CN Ultramarine Blue 2000
CN Ultramarine Blue 5009
CN Ultramarine Blue 6394
CN Ultramarine Blue RS 6
CN Ultramarine Blue UMB 293
DEF This substance is identified in the COLOUR INDEX by Colour Index
Constitution Number, C.I. 77007.
DR 67053-79-6
MF Unspecified
CI COM, MAN
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB,
CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MEDLINE,
MSDS-OHS, PIRA, PROMT, TOXLINE, TOXLIT, ULIDAT, USPATFULL, VTB
Other Sources: DSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

682 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

683 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:163849
REFERENCE 2: 134:139239
REFERENCE 3: 134:132477
REFERENCE 4: 134:123551
REFERENCE 5: 134:105632
REFERENCE 6: 134:90934
REFERENCE 7: 134:78605
REFERENCE 8: 134:76145
REFERENCE 9: 134:76132
REFERENCE 10: 134:72660

L140 ANSWER 31 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 52357-70-7 REGISTRY

CN C.I. Pigment Brown 6 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Ariabel Umber 300403
CN Brown iron oxide
CN Iron oxide brown
CN Iron Oxide Brown 610
CN Pigment Brown 6
CN Sicotrans Red K 2915

CN Synthetic brown iron oxide pigment
DEF This substance is identified in the COLOUR INDEX by Colour Index
Constitution Numbers, C.I. 77491, 77492 and 77499.
DR 1332-59-8
MF Unspecified
CI MAN
LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT,
IFIUDB, PROMT, TOXLIT, USPATFULL
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

69 REFERENCES IN FILE CA (1967 TO DATE)

69 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:32807
REFERENCE 2: 134:21304
REFERENCE 3: 133:325506
REFERENCE 4: 133:271368
REFERENCE 5: 133:124951
REFERENCE 6: 133:122431
REFERENCE 7: 133:60122
REFERENCE 8: 132:280575
REFERENCE 9: 132:111894
REFERENCE 10: 132:79788

L140 ANSWER 32 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 51274-00-1 REGISTRY

CN C.I. Pigment Yellow 42 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Ariabel Yellow 300407
CN AZ 138
CN Bayferrox 3910
CN Bayferrox 3920
CN Bayferrox 3950
CN Bayferrox 415
CN Bayferrox 420
CN Bayferrox 915
CN Bayferrox 920
CN Bayferrox 930
CN Bayferrox Yellow 3910
CN Bayferrox Yellow 415
CN Bayferrox Yellow 420
CN C.I. 77492
CN Cappoxyt Yellow 4214
CN Cappoxyt Yellow 4214C
CN Cosmetic Yellow
CN Disperse HG 457
CN EC 481
CN Iron hydroxide oxide yellow
CN Iron Oxide Orange Transparent 188VN
CN Iron oxide yellow
CN Iron Oxide Yellow 214501
CN Iron Oxide Yellow 420
CN Iron Oxide Yellow Transp. 088VN
CN Iron Yellow
CN Iron Yellow AZ 138

CN L 1
CN L 1 (pigment)
CN LL-XLO
CN Mapico Yellow 1050
CN Mapico Yellow 5
CN Mapico Yellow LL-XLO
CN Oxide Yellow 3910
CN Pigment Yellow 42
CN Pure Yellow Oxide YO 6087
CN PW 895
CN Sicoflush L Yellow 1916
CN Sicotrans Gold L 1916
CN Sicotrans Yellow L 1915
CN Sicotrans Yellow L 1916
CN Sicovit Yellow 10
CN Synthetic yellow iron oxide pigment
CN Toda Color Y 2
CN Toda Color Yellow 48
CN YB 3100
CN Yellow iron oxide
CN Yellow YB 3100
CN YO 2087
CN Zh 1

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DEF This substance is identified in the COLOUR INDEX by Colour Index Constitution Number, C.I. 77492.

DR 12000-32-7, 12001-03-5, 1342-51-4, 99241-66-4, 105478-30-6, 50641-37-7, 51109-85-4, 147625-38-5, 53028-10-7, 182761-12-2, 185464-57-7

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, USPATFULL
Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

808 REFERENCES IN FILE CA (1967 TO DATE)

7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

810 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168374

REFERENCE 2: 134:168101

REFERENCE 3: 134:168100

REFERENCE 4: 134:168070

REFERENCE 5: 134:105632

REFERENCE 6: 134:102296

REFERENCE 7: 134:90934

REFERENCE 8: 134:87629

REFERENCE 9: 134:78605

REFERENCE 10: 134:76145

L140 ANSWER 33 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 25869-00-5 REGISTRY

CN Ferrate(4-), hexakis(cyano-.kappa.C)-, ammonium iron(3+) (1:1:1),
(OC-6-11)-(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ferrate(4-), hexacyano-, ammonium iron(3+) (8CI)

CN Ferrate(4-), hexakis(cyano-C)-, ammonium iron(3+) (1:1:1), (OC-6-11)-

OTHER NAMES:

CN Ammonium ferric hexacyanoferrate

CN Ammonium iron hexacyanoferrate

CN Ferric ammonium ferrocyanide

CN Giese salt

DR 31095-14-4

MF C6 Fe N6 . Fe . H4 N

CI CCS

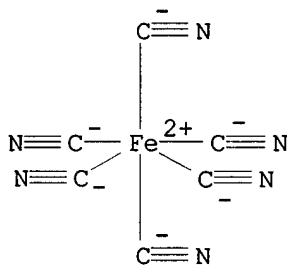
LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, CHEMLIST, CIN, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, RTECS*, TOXLINE, TOXLIT, ULIDAT, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (13408-63-4)



● Fe(III) 3+

● NH₄⁺

70 REFERENCES IN FILE CA (1967 TO DATE)

70 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:21304

REFERENCE 2: 134:2092

REFERENCE 3: 133:161496

REFERENCE 4: 132:61030

REFERENCE 5: 132:54601

REFERENCE 6: 131:291360

REFERENCE 7: 131:122150

REFERENCE 8: 131:2221

REFERENCE 9: 130:257181

REFERENCE 10: 130:202072

L140 ANSWER 34 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 14807-96-6 REGISTRY

CN Talc (Mg₃H₂(SiO₃)₄) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 10MO-OS

CN 15MOO

CN 20 MOOS

CN 20MOOS

CN 5000PJ

CN 5000S

CN 5000SA

CN 850JS

CN A 7

CN A 7 (talc)

CN ABT 2500

CN Agalite

CN Asbestine

CN AT 164

CN B 13

CN B 13 (mineral)

CN B 9

CN B 9 (talc)

CN Beaver White 200

CN Beaver White 325

CN BT 2202

CN CHC 13P

CN CHC 13S10

CN Cimflex 606

CN Cimpact 600

CN Cimpact 699

CN Circron MP 9825

CN CP 10-40

CN CP 38-33

CN Crown P 2

CN Crown PP

CN Crown Talc DR

CN Crown Talc P

CN Crown Talc P 2

CN Crown Talc W 83

CN Crown Talc Z

CN CRS 6002

CN Crystalite CRS 6002

CN CT 8

CN CT 8 (mineral)

CN CTA 1

CN Cubic Master

CN D 35

CN D 35 (mineral)

CN Desertalc 57

CN DN 2

CN DN 2 (filler)

CN DR Talc

CN EC 75

CN EMS 100

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 12420-12-1, 11119-41-8, 37232-12-5, 99638-63-8, 110540-41-5

MF H2 O3 Si . 3/4 Mg

CI MNS, COM

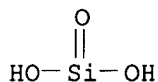
LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS,
CBNB, CEN, CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,
DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA,
ULIDAT, USAN, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (7699-41-4)



③ 3/4 Mg

16146 REFERENCES IN FILE CA (1967 TO DATE)

96 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

16172 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168379

REFERENCE 2: 134:168344

REFERENCE 3: 134:168327

REFERENCE 4: 134:168079

REFERENCE 5: 134:167151

REFERENCE 6: 134:165761

REFERENCE 7: 134:165750

REFERENCE 8: 134:165744

REFERENCE 9: 134:165255

REFERENCE 10: 134:165211

L140 ANSWER 35 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 14038-43-8 REGISTRY

CN Ferrate(4-), hexakis(cyano-.kappa.C)-, iron(3+) (3:4), (OC-6-11)- (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ferrate(4-), hexacyano-, iron(3+) (3:4) (8CI)

CN Ferrate(4-), hexakis(cyano-C)-, iron(3+) (3:4), (OC-6-11)-

CN Iron ferrocyanide (Fe₄[Fe(CN)₆]₃) (6CI)

OTHER NAMES:

CN Ferrate(1-), hexakis(cyano-C)di-

CN Ferric ferrocyanide

CN Ferric ferrocyanide (Fe₄[Fe(CN)₆]₃)

CN Ferric hexacyanoferrate (II)

CN Ferrihexacyanoferrate

CN Ferrocin

CN Ferrotsin

CN Iron ferrocyanide

CN Iron(3+) ferrocyanide

CN Iron(3+) hexacyanoferrate(4-) (4:3)

CN Iron(III) ferrocyanide

CN Milori blue

CN Prussian blue [Fe₄[Fe(CN)₆]₃]

CN Tetrairon tris(hexacyanoferrate(4-))

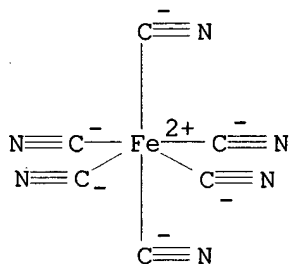
CN Tetrairon tris(hexacyanoferrate)

CN Tetrairon(3+) tris[hexacyanoferrate(4-)]

DR 12095-09-9, 12397-39-6, 1334-14-1, 14638-08-5, 15638-91-2, 15648-88-1,
15745-97-8, 80701-92-4, 26062-16-8, 27057-57-4, 52044-58-3

MF C6 Fe N6 . 4/3 Fe

CI CCS, COM
 LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
 CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN,
 CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PROMT, RTECS*, TOXLINE,
 TOXLIT, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (13408-63-4)



④ 4/3 Fe(III) 3+

455 REFERENCES IN FILE CA (1967 TO DATE)
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 455 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:150363
 REFERENCE 2: 134:105626
 REFERENCE 3: 134:63126
 REFERENCE 4: 134:34265
 REFERENCE 5: 133:356571
 REFERENCE 6: 133:293081
 REFERENCE 7: 133:288009
 REFERENCE 8: 133:227593
 REFERENCE 9: 133:165855
 REFERENCE 10: 133:126750

L140 ANSWER 36 OF 46 REGISTRY COPYRIGHT 2001 ACS
 RN 13463-67-7 REGISTRY
 CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1385RN59
 CN 500HD
 CN 63B1 White
 CN A 100
 CN A 200
 CN A 200 (pigment)
 CN A-Fil Cream
 CN A-FN 3
 CN Aerosil P 25

CN Aerosil P 25S6
 CN Aerosil P 27
 CN Aerosil T 805
 CN AF-E 3D
 CN AK 15
 CN AK 15 (pigment)
 CN Amperit 780.0
 CN AMT 100
 CN AMT 600
 CN AUF 0015S
 CN Austiox R-CR 3
 CN B 101
 CN B 101 (pigment)
 CN Bayer R-FD 1
 CN Bayertitan A
 CN Bayertitan AN 3
 CN Bayertitan R-FD 1
 CN Bayertitan R-FK 21
 CN Bayertitan R-FK-D
 CN Bayertitan R-KB 2
 CN Bayertitan R-KB 4
 CN Bayertitan R-KB 5
 CN Bayertitan R-KB 6
 CN Bayertitan R-U 2
 CN Bayertitan R-U-F
 CN Bayertitan R-V-SE 20
 CN Bayertitan T
 CN Bistrater L-NSC 200C
 CN BR 29-7-2
 CN C.I. 77891
 CN C.I. Pigment White 6
 CN Cab-O-Ti
 CN CG-T
 CN CL 310
 CN CR 50
 CN CR 58
 CN CR 60
 CN CR 60-2
 CN CR 63
 CN CR 63 (pigment)
 CN CR 80

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

AR 51745-87-0
 DR 12000-59-8, 12701-76-7, 12767-65-6, 12789-63-8, 1309-63-3, 1344-29-2,
 55068-84-3, 55068-85-4, 62338-64-1, 101239-53-6, 98084-96-9, 37230-92-5,
 37230-94-7, 37230-95-8, 37230-96-9, 39320-58-6, 39360-64-0, 39379-02-7,
 116788-85-3, 185323-71-1, 185828-91-5, 188357-76-8, 188357-79-1,
 195740-11-5, 221548-98-7, 224963-00-2, 246178-32-5, 252962-41-7
 MF O2 Ti
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT,
 CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM,
 CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, HSDB*, IFICDB,
 IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA,
 PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USAN, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

O=Ti=O

1288 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
89709 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:172396
REFERENCE 2: 134:172176
REFERENCE 3: 134:172163
REFERENCE 4: 134:172151
REFERENCE 5: 134:172142
REFERENCE 6: 134:172136
REFERENCE 7: 134:172016
REFERENCE 8: 134:171993
REFERENCE 9: 134:171985
REFERENCE 10: 134:171973

L140 ANSWER 37 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 12227-89-3 REGISTRY

CN C.I. Pigment Black 11 (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN AQI 9104
CN Ariabel Black 300401
CN Bengara KN 320
CN BK 5500
CN BK 5599
CN BL 100
CN Black BK 5599
CN Black Iron Oxide
CN Black oxide
CN C.I. 77499
CN Iron oxide black
CN Iron Oxide Black 318
CN Levanox Black 318A
CN Magnetic Pigment 345
CN Mapico Black
CN Mapico Black BL 100
CN Mapico Black BL 500
CN Mars black
CN Pigment Black 11
CN Sicomet Black 85
CN TB 50
CN TB 50 (pigment)
CN Toda Color KN 320
CN Toda Color KN 370
CN Toda Color MAT 305S
CN Transoxide Black

DEF This substance is identified in the COLOUR INDEX by Colour Index
Constitution Number, C.I. 77499.

DR 58339-39-2, 65777-20-0, 65777-22-2

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CBNB, CHEMLIST,
CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PIRA, PROMT, TOXLIT,
USPATFULL

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

633 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
636 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168101
REFERENCE 2: 134:168100
REFERENCE 3: 134:165692
REFERENCE 4: 134:105632
REFERENCE 5: 134:90934
REFERENCE 6: 134:76131
REFERENCE 7: 134:45826
REFERENCE 8: 134:44087
REFERENCE 9: 134:32807
REFERENCE 10: 134:32793

L140 ANSWER 38 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 12174-53-7 REGISTRY

CN Sericite ([Al1.75-2(Fe0-1Mg0-1)0-0.25](K0-1Na0-1)0.75-1(Si3-3.5Al0.5-1)[(OH)0.5-1F0-0.5]2O10) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Sericite (8CI)

OTHER NAMES:

CN Ba 51-084846

CN Hikawamica Z 20

CN KF 200

CN Microclean

CN Sericite FS

CN Sericite GMS-C

CN Sericite ST

CN Serikuron

CN TK-S 8

CN Z 20

CN Z 201R

MF Al . F . Fe . H O . K . Mg . Na . O5 Si2 . O

AF Al2.25-3 F0-1 Fe0-0.25 H1-2 K0-1 Mg0-0.25 Na0-1 O11-12 Si3-3.5

CI MNS, TIS

LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CIN, IFICDB,
IFIPAT, IFIUDB, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, TULSA, USPATFULL

Component	Ratio	Component Registry Number
O5Si2	1.5 - 1.75	20328-07-8
O	1.25 - 2.5	17778-80-2
F	0 - 1	14762-94-8
HO	1 - 2	14280-30-9
Na	0 - 1	7440-23-5
K	0 - 1	7440-09-7
Mg	0 - 0.25	7439-95-4
Fe	0 - 0.25	7439-89-6
Al	2.25 - 3	7429-90-5

1245 REFERENCES IN FILE CA (1967 TO DATE)

19 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1250 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168021

REFERENCE 2: 134:167029
REFERENCE 3: 134:152399
REFERENCE 4: 134:150183
REFERENCE 5: 134:105672
REFERENCE 6: 134:105639
REFERENCE 7: 134:105632
REFERENCE 8: 134:103429
REFERENCE 9: 134:103390
REFERENCE 10: 134:89018

L140 ANSWER 39 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 12174-11-7 REGISTRY

CN Palygorskite ([Mg(Al_{0.5}-1Fe_{0-0.5})]Si₄(OH)O₁₀.4H₂O) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Palygorskite (8CI)

OTHER NAMES:

CN 200U/P-RVM

CN Attaclay

CN Attaclay X 250

CN Attacote

CN Attagel

CN Attagel 150

CN Attagel 2059

CN Attagel 30

CN Attagel 350

CN Attagel 36

CN Attagel 40

CN Attagel 50

CN Attapulgate

CN Attasorb

CN DC 150

CN Diluex

CN L 96117

CN Min-U-Gel 100

CN Min-U-Gel 200

CN Min-U-Gel 400

CN Min-U-Gel AR

CN Min-U-Gel FG

CN Permagel

CN RVM-FG

CN X 250

CN Zeogel

DR 12174-28-6, 1337-76-4, 64418-16-2, 61180-55-0, 37189-50-7, 137546-91-9,
71396-54-8

MF Al . Fe . 4 H₂ O . H O . Mg . O₅ Si₂

AF Al_{0.5}-1 Fe_{0-0.5} H Mg O₁₁ Si₄ . 4 H₂ O

CI MNS, COM

LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU,
EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC,
PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USPATFULL, VETU,
VTB

(*File contains numerically searchable property data)

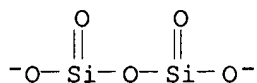
CM 1

CRN 111059-81-5

CMF Al . Fe . H O . Mg . O5 Si2
CCI TIS

CM 2

CRN 20328-07-8
CMF O5 Si2



CM 3

CRN 14280-30-9
CMF H O

OH⁻

CM 4

CRN 7439-95-4
CMF Mg

Mg

CM 5

CRN 7439-89-6
CMF Fe

Fe

CM 6

CRN 7429-90-5
CMF Al

Al

2203 REFERENCES IN FILE CA (1967 TO DATE)
30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2205 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:167164

REFERENCE 2: 134:163919

REFERENCE 3: 134:147075

REFERENCE 4: 134:131307

REFERENCE 5: 134:119652
REFERENCE 6: 134:115328
REFERENCE 7: 134:109493
REFERENCE 8: 134:102170
REFERENCE 9: 134:100239
REFERENCE 10: 134:90112

L140 ANSWER 40 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 11118-57-3 REGISTRY

CN Chromium oxide (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Chrome oxide

CN Chromic acid, chromium salt

DR 11145-38-3, 58591-12-1, 37293-29-1, 188785-92-4

MF Unspecified

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CEN,
CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB, NIOSHTIC, PIRA,
PROMT, TOXLIT, TULSA, USPATFULL

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4967 REFERENCES IN FILE CA (1967 TO DATE)

71 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4970 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:167031
REFERENCE 2: 134:167021
REFERENCE 3: 134:165966
REFERENCE 4: 134:163485
REFERENCE 5: 134:155338
REFERENCE 6: 134:153112
REFERENCE 7: 134:152975
REFERENCE 8: 134:151119
REFERENCE 9: 134:138219
REFERENCE 10: 134:135516

L140 ANSWER 41 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 10101-66-3 REGISTRY

CN Diphosphoric acid, ammonium manganese(3+) salt (1:1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pyrophosphoric acid, ammonium manganese(3+) salt (1:1:1) (8CI)

OTHER NAMES:

CN Ammonium Manganese Pyrophosphate

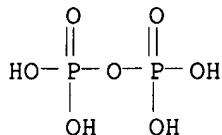
CN Ammonium manganese pyrophosphate ((NH4)MnP2O7)

CN C.I. 77742

CN C.I. Pigment Violet 16

CN Manganese violet

CN Mango Violet
 CN Mineral Violet
 CN Nuremberg Violet
 MF H4 O7 P2 . H3 N . Mn
 LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIUDB,
 MSDS-OHS, PIRA, PROMT, TOXLIT, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (2466-09-3)



● Mn(III)

● NH₃

69 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 69 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:163849
 REFERENCE 2: 134:21304
 REFERENCE 3: 133:271368
 REFERENCE 4: 133:124951
 REFERENCE 5: 132:54601
 REFERENCE 6: 131:131018
 REFERENCE 7: 131:88654
 REFERENCE 8: 130:338977
 REFERENCE 9: 129:246596
 REFERENCE 10: 129:137384

L140 ANSWER 42 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 7727-43-7 REGISTRY

CN Sulfuric acid, barium salt (1:1) (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN A 15
 CN A 15 (inorganic compound)
 CN A 200
 CN A 200 (sulfate)
 CN Actybaryte
 CN B 20HD
 CN B 30
 CN B 32
 CN B 32 (sulfate)

CN B 33
CN B 33 (sulfate)
CN B 34
CN B 34 (sulfate)
CN B 54
CN B 54 (sulfate)
CN BA
CN BA (sulfate)
CN Bakontal
CN Bariace B 30
CN Bariace B 54
CN Baridol
CN Barifine BF 1
CN Barifine BF 10
CN Barifine BF 20
CN Barifine BF 21
CN Barifine BF 21F
CN Barite BA
CN Barite BC
CN Baritogen Deluxe
CN Baritop
CN Baritop P
CN Barium 100
CN Barium sulfate
CN Barium sulfate (1:1)
CN Barium sulfate (BaSO4)
CN Barium sulphate
CN Barosperse
CN Barotrast
CN Baryta White
CN Barytes 22
CN Bb-Micro SP
CN BC
CN BF 1
CN BF 1 (salt)
CN BF 10
CN BF 1H
CN BF 1L
CN BF 20
CN BF 20P
CN BF 33

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

AR 29203-54-1

DR 12751-32-5, 8054-35-1

MF Ba . H2 O4 S

CI COM

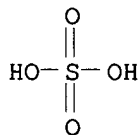
LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB,
IFIPAT, IFIUDB, IMSDIRECTORY, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
PDLCOM*, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USAN,
USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (7664-93-9)



● Ba

7512 REFERENCES IN FILE CA (1967 TO DATE)
48 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7522 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:170629
REFERENCE 2: 134:168093
REFERENCE 3: 134:168079
REFERENCE 4: 134:167042
REFERENCE 5: 134:164506
REFERENCE 6: 134:164262
REFERENCE 7: 134:163904
REFERENCE 8: 134:158699
REFERENCE 9: 134:155236
REFERENCE 10: 134:152710

L140 ANSWER 43 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 1332-37-2 REGISTRY

CN Iron oxide (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN AM 125
CN Ancor FR
CN Ancor FY
CN Auvico AX 1000
CN AX 1000
CN BUS
CN EP-A 0014382
CN Gastromark
CN Lautamasse
CN Luxmasse
CN Magnet Black S 0045
CN MAP 514
CN MIO 2F
CN MIO 40GN
CN MIO-KS
CN MION 46L
CN NAT
CN NYB 40
CN Prodorite Filler
CN R 8098
CN SE-DBS
CN Siferit
CN Tarox LL 50
CN TIC
CN Toda Color 100ED-PR101
CN Toda Color 160ED

DR 8075-66-9
MF Unspecified
CI COM, MAN
LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CEN,
CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DIOGENES, EMBASE,
IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE,
TOXLIT, TULSA, USPATFULL, VTB
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

12773 REFERENCES IN FILE CA (1967 TO DATE)

207 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

12783 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:168101

REFERENCE 2: 134:168100

REFERENCE 3: 134:168079

REFERENCE 4: 134:168070

REFERENCE 5: 134:168044

REFERENCE 6: 134:167968

REFERENCE 7: 134:167479

REFERENCE 8: 134:167021

REFERENCE 9: 134:167001

REFERENCE 10: 134:166241

L140 ANSWER 44 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 1314-13-2 REGISTRY

CN Zinc oxide (ZnO) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 23K

CN 23K (metal oxide)

CN 503R

CN Actox 14

CN Actox 16

CN Actox 216

CN AEE-Zn 601

CN Amalox

CN AZ-SW

CN AZO

CN AZO 22

CN AZO 55

CN AZO 66

CN AZO 77

CN Azo-B

CN Azodox

CN Biocide 3000D

CN BTs 1

CN BTs 1 (pigment)

CN C 30

CN C 30 (oxide)

CN Conductive Zinc Oxide No. 1

CN Electrox 2500

CN Elma 21

CN Elma 215

CN F 60

CN F 60 (antimicrobial)
CN FC-MI-W
CN Finex 25
CN Finex 50
CN Finex 75
CN FINX 75
CN Flowers of zinc
CN FO 1020A
CN FX
CN FX (oxide)
CN FX-UFZ-D
CN GIAP 10
CN Green Seal 8
CN Hubbuck's White
CN K-Fresh MZO
CN Kadox 15
CN Kadox 25
CN Kadox 515
CN Kadox 72
CN Kadox 911
CN Kadox 920
CN Kadox 930
CN Kadox XX 78
CN LPZIN 8

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 8011-84-5, 8047-36-7, 8047-69-6, 8050-42-8, 8051-03-4, 56592-00-8,
57206-86-7, 185461-95-4

MF O Zn

CI COM

LC STN Files: AGRICOLA, AIDSLINE, ANABSTR, APILIT, APILIT2, APIPAT,
APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD,
CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE,
CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE,
HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
PDLCOM*, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA, ULIDAT, USAN,
USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

O= Zn

50475 REFERENCES IN FILE CA (1967 TO DATE)

620 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

50522 REFERENCES IN FILE CAPLUS (1967 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:172234

REFERENCE 2: 134:172180

REFERENCE 3: 134:172016

REFERENCE 4: 134:171814

REFERENCE 5: 134:171811

REFERENCE 6: 134:171807

REFERENCE 7: 134:171803

REFERENCE 8: 134:171695

REFERENCE 9: 134:171676

REFERENCE 10: 134:171675

L140 ANSWER 45 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 1309-37-1 REGISTRY

CN Iron oxide (Fe2O3) (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN .alpha.-Ferric oxide

CN .alpha.-Iron oxide

CN .gamma.-Ferric oxide

CN .gamma.-Iron oxide (Fe2O3)

CN .gamma.-MYD

CN 100ED

CN 1030AC1005

CN 120ED

CN 130ED

CN 140ED

CN 140M

CN 160M

CN 40G

CN Abdoscan

CN AQI 2199

CN Ariabel Sienna 300406

CN Auvicorb BL

CN B 4792

CN Bayer S 11

CN Bayferrox 105M

CN Bayferrox 110

CN Bayferrox 110M

CN Bayferrox 111

CN Bayferrox 120

CN Bayferrox 120M

CN Bayferrox 120N

CN Bayferrox 120NM

CN Bayferrox 130

CN Bayferrox 130B

CN Bayferrox 130BM

CN Bayferrox 130M

CN Bayferrox 140

CN Bayferrox 140M

CN Bayferrox 180M

CN Bayferrox 720N

CN Bayferrox 8220

CN Bayferrox BF 110

CN Bayferrox Red 120FS

CN Bayoxide E 8710

CN Bengara CH 2-223

CN Bengara CM 25P

CN Bengara EP 40

CN Bengara N 45

CN C 73

CN C 73 (catalyst)

CN C 888-1045F

CN C.I. 77491

CN C.I. Pigment Red 101

CN Cappelux Red 4437B

CN Caput Mortuum

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 12000-93-0, 12002-17-4, 12227-87-1, 8011-97-0, 8049-50-1, 177715-24-1,
1343-09-5, 129131-59-5, 135507-53-8, 60880-86-6, 147229-90-1, 147229-91-2,
90452-21-4, 110736-41-9, 160186-10-7, 188357-78-0, 220787-06-4,
253310-52-0

MF Fe2 O3

CI COM, MAN

LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSDIRECTORY, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT, TULSA, ULIDAT, USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

41014 REFERENCES IN FILE CA (1967 TO DATE)

517 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

41045 REFERENCES IN FILE CAPLUS (1967 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:172199

REFERENCE 2: 134:172185

REFERENCE 3: 134:172173

REFERENCE 4: 134:172142

REFERENCE 5: 134:172136

REFERENCE 6: 134:172128

REFERENCE 7: 134:172101

REFERENCE 8: 134:171803

REFERENCE 9: 134:171700

REFERENCE 10: 134:170794

L140 ANSWER 46 OF 46 REGISTRY COPYRIGHT 2001 ACS

RN 1308-38-9 REGISTRY

CN Chromium oxide (Cr2O3) (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 11661 Green

CN 200P2

CN Amdry 6410

CN Amperit 704.0

CN C.I. 77288

CN C.I. Pigment Green 17

CN Casalis Green

CN Chrome green

CN Chrome Green F 3

CN Chrome Green G 7

CN Chrome Oxide Green BX

CN Chrome Oxide Green GN

CN Chrome Oxide Green GN-M

CN Chrome Oxide Green GP

CN Chromia

CN Chromic oxide

CN Chromium oxide

CN Chromium oxide (Cr8O12)

CN Chromium Oxide Green

CN Chromium Oxide Pigment

CN Chromium Oxide X1134

CN Chromium sesquioxide

CN Chromium(3+) oxide

CN CRO 2A

CN Dichromium trioxide

CN G 112
CN G 112 (oxide)
CN G 4099
CN Green Chrome Oxide
CN Green chromic oxide
CN Green chromium oxide
CN Green cinnabar
CN Green Oxide of Chromium
CN Kromex U 1
CN LC 4
CN LC 4 (ceramic)
CN Levanox Green GA
CN Metco A-F 15
CN OKhP 1
CN P 106F10
CN PK 5304
CN Pure Chromium Oxide Green 59
CN Sicopal Green 9996
DR 165589-75-3, 12689-83-7, 164057-73-2, 144855-63-0, 185464-26-0,
196696-68-1
MF Cr2 O3
CI COM, MAN
LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
CSNB, DETHERM*, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, TOXLINE,
TOXLIT, TULSA, ULIDAT, USAN, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

21289 REFERENCES IN FILE CA (1967 TO DATE)
339 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
21304 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:172143
REFERENCE 2: 134:170359
REFERENCE 3: 134:168810
REFERENCE 4: 134:168646
REFERENCE 5: 134:166948
REFERENCE 6: 134:166940
REFERENCE 7: 134:166558
REFERENCE 8: 134:166125
REFERENCE 9: 134:166038
REFERENCE 10: 134:166031

=> d bib abs hitrn tot

L163 ANSWER 1 OF 85 HCAPLUS COPYRIGHT 2001 ACS
AN 2000:452473 HCAPLUS
DN 133:79028
TI **Cosmetic powder** coated with (fluoroalkyl)sulfonamide

group-containing silanes and **cosmetics** containing the **powder**

IN Odera, Mami; Furukawa, Yutaka
PA Asahi Glass Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000186016	A2	20000704	JP 1998-365136	19981222
OS	MARPAT 133:79028				

AB The **cosmetic powder** is coated with RfSO₂NR₁(CH₂)mR₂3 (Rf = polyfluorohydrocarbyl; m = 1-5; R₁ = H, alkyl, aryl; R₂ = hydrolyzable group, C1-4 alkyl; .gtoreq.1 of R₂ = hydrolyzable group). The **cosmetics**, which show good waterproofing and oil-repellent property and high spreadability, contain the **coated powder**. F(CF₂)₈SO₂NH(CH₂)₃Si(OEt)₃, sericite, mica, talc, red Fe oxide, yellow Fe oxide, black Fe oxide, TiO₂, nylon powder, and hexane were mixed and hexane was evapd. from the mixt. to give **cosmetic powder**, which was compounded with liq. paraffin, dimethylpolysiloxane, vaseline, wax, perfume, and antiseptic to give a **powder foundation**.

IT 1309-37-1, Red iron oxide, biological studies 12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titania, biological studies 14807-96-6, Talc, biological studies 51274-00-1, Yellow iron oxide
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(powder; cosmetics with good waterproofing and oil-repellent property contg. powder coated with [(fluoroalkyl)sulfonamidoalkyl]silanes)

L163 ANSWER 2 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:408793 HCAPLUS

DN 133:48730

TI Solid **powder cosmetic** compositions containing metal soap fine particles

IN Ishida, Misaki; Endo, Saori; Sawada, Kohei

PA Nippon Oil and Fats Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000169342	A2	20000620	JP 1998-346397	19981207

AB The invention relates to a solid **powder cosmetic** compn. providing long-lasting **cosmetic** effect and wrinkle-masking effect, wherein the compn. contains metal soap fine particles whose av. particle size and particle size distribution are specified. A **powder foundation** contg. magnesium stearate having av. particle size of 0.8 .mu.m 30, nylon powder 10, talc 10, sericite 3.6, mica 15, kaolin 5, TiO₂ 10, TiO₂-coated mica 3, red iron oxide 1, yellow iron oxide 3, black iron oxide 0.1, and other ingredients to 100 % was prepd.

L163 ANSWER 3 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:375243 HCAPLUS

DN 133:8849

TI Recent trends and prospective problems of **foundation** from the view points of beautiful and finishing effect
 AU Kuroda, Ayako
 CS Pola R & D Lab., Yokohama, 221-0833, Japan
 SO Fragrance J. (2000), 28(5), 40-46
 CODEN: FUJAD7; ISSN: 0288-9803
 PB Fureguransu Janaru Sha
 DT Journal; General Review
 LA Japanese
 AB A review with 9 refs. Topics discussed include development of **foundation** additives such as **TiO2-coated mica**, **Fe oxide-contg. TiO2**, photochromic material, and capsulated pigments for beautiful finishing and appearance even under various light conditions for a long period.

L163 ANSWER 4 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:356372 HCAPLUS

DN 133:8885

TI Pigments coated with N,N'-diacyl diamides for **cosmetics**

IN Tsubone, Kazuyuki

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000144010	A2	20000526	JP 1998-315819	19981106
OS	MARPAT 133:8885				
AB	<p>The invention provides a pigment coated with a metal salt of RCON[(CH2)nN(COR)AY]AY [RCO = C8-22 aliph. group; A = (OH- or carboxy-substituted) alkylene; n = 2-6; Y = carboxyl, sulfonyl], suitable for use in a cosmetic having improved moisturizing use feel. A pigment mixt. contg. titanium oxide, talc, mica, red iron oxide, yellow iron oxide, and black iron oxide was coated with ethylenediamine-N,N'-distearoyl-N,N'-disuccinic acid disodium salt. The coated pigment mixt. was then combined with other ingredients to obtain an oily cosmetic foundation.</p>				
IT	<p>1309-37-1, Red iron oxide, biological studies 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide, biological studies 14807-96-6, Talc, biological studies 51274-00-1, Yellow iron oxide RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (pigments coated with N,N'-diacyl diamides for cosmetics)</p>				

L163 ANSWER 5 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:344428 HCAPLUS

DN 132:352537

TI Non-aquarious oily **makeup cosmetics**

IN Sato, Norimasa

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000143444	A2	20000523	JP 1998-287692	19981009
PRAI	JP 1998-253614		19980908		
AB	<p>The invention relates to a non-aq. oily makeup cosmetic</p>				

having improved moisturizing and **makeup** effects without causing stickiness, wherein the **cosmetic** contg. pigment particles **coated** with agar having a gel strength of 400-800 g/cm². A lipstick was formulated with agar-**coated** pigments contg. agar having a gel strength of 630-680 g/cm² 3, red 201 16, red 202 4.4, **yellow iron oxide** 2.2, Gunjo 2.9, and titanium **mica** 71.5 %, 13.5, paraffin 3, ceresin 5, candelilla wax 8, squalene 10, vaseline 15, castor oil 20, glyceryl tri-2-ethylhexanoate 25.5 %.

IT 51274-00-1, **Yellow iron oxide**

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(non-aq. oily **makeup cosmetics** contg. agar-coated pigments)

L163 ANSWER 6 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:314343 HCAPLUS

DN 132:325840

TI Light-responding high color-rendering **makeup cosmetic** preparation

IN Ogawa, Katsuki; Aso, Daisuke; Sakurai, Osamu; Ohno, Kazuhisa

PA Shiseido Company Limited, Japan

SO Eur. Pat. Appl., 30 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 998901	A1	20000510	EP 1999-121679	19991102
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000198716	A2	20000718	JP 1999-309110	19991029
PRAI	JP 1998-312308		19981102		
AB	To obtain a makeup cosmetic prepn. having natural color-rendering property in response to intensity of surrounding light, a light-responding high color-rendering makeup cosmetic prepn. is characterized. Titanium oxide or titanium oxide compd., which has photochromic property to darken in response to intensity of irradiated UV ray, is coated on a surface of mica and metal or metal compd. The metal exists on a surface and/or inside of the photochromic titanium oxide-coated mica and color of the metal or metal compd. is obsd. as an object color, and wherein an observation color of the photochromic titanium oxide-coated mica is changed by emphasizing an interference color generated by darkening of titanium oxide layer. This layer is made of titanium oxide or the titanium oxide compd. in response to UV irradiation, and wherein at least 1 of the color tone in the cosmetics is given by an observation color. Thus, a face powder contained photochromic titanium oxide coated mica 15, sericite 10, globular powder of organopolysiloxane elastomer 5, boron nitride 20, iron oxide 3, magnesium carbonate 3, conventional photochromic titanium oxide 1, globular aluminum powder 4, squalene 2, glyceryl trioctanoate 3, and sorbitan sesquioleate 1 parts, antiseptic and perfume qs, and talc balance.				

IT 13463-67-7, **Titanium dioxide**, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(light-responding high color-rendering **makeup cosmetic** prepn.)

RE.CNT 9

RE

- (1) Kao Corp; EP 0887067 A 1998 HCAPLUS
 - (2) Kimura, A; ZAIRYO GIJUTSU 1998, V16(2), P51 HCAPLUS
 - (3) Shiseido Co Ltd; JP 07223816 A 1995 HCAPLUS
 - (4) Shiseido Co Ltd; JP 07258580 A 1995 HCAPLUS
 - (5) Shiseido Co Ltd; JP 09165532 A 1997 HCAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L163 ANSWER 7 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:267145 HCAPLUS

DN 132:283929

TI **Cosmetic makeup** compositions containing agar-coated colorants

IN Sano, Hiromitsu; Sato, Norimasa

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000119135	A2	20000425	JP 1998-287691	19981009

AB This invention relates to **cosmetic makeup powders** which comprise agar-coated colorants. The agar is characterized having a gel strength of 400-800 g/cm² upon solidification of a 1.5 % aq. soln. The **makeup** compn. provides a long-lasting **cosmetic** effect. A **powder** compn.

contg. **red iron oxide** 0.5, **yellow iron oxide** 1.2, **black iron oxide** 0.1, **ultramarine blue** 3.7, **titania** 5.2, **mica titanium** 6.5, **mica** 34.8, **talc** 40.0, and **nylon powder** 5.0 parts was treated with agar. A **powder foundation** contained the above **powder** 94, **paraffin oils** 4, **squalane** 1, and **octyldodecyl myristate** 1 %.

IT 1309-37-1, **Red iron oxide**, biological studies 12174-53-7, **Sericite** 12227-89-3, **Black iron oxide** 13463-67-7, **Titania**, biological studies 14807-96-6, **Talc**, biological studies 51274-00-1, **Yellow iron oxide** 57455-37-5, **Ultramarine blue**

RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses) (**cosmetic makeup powder** compns. contg. agar-coated colorants)

L163 ANSWER 8 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 2000:197936 HCAPLUS

DN 132:241683

TI Loose **powder foundations** containing porous ceramics or pigments with good gas permeability and their manufacture.

IN Inoue, Noriyuki

PA Nihon Busho K. K., Japan; JC Community K. K.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000086444	A2	20000328	JP 1998-297500	19980914

AB The **foundations**, which show good wrinkle-masking effect, high gas permeability, and appropriate covering capacity, contain (a) base materials such as **talc**, **pigments**, etc., (b) mice coated with .gtoreq.1 selected from (i) **Zn**, **ZnO**, or **Zn(OH)2**, (ii) **Al**, **Al2O3**, or **Al(OH)3**, and (iii) **Ti**, **TiO2**, or **Ti(OH)4**, (c) **ceramics** and/or **pigments** with high refractive index which have 3-900 .ANG. pore or through-hole, (d)

oxides, (e) superfine particles of talc, and (f) optional flax cellulose crystal **powder**. Also claimed is a method for the manuf. of the **foundations**.

IT 1314-13-2, Zinc oxide, biological studies
13463-67-7, Titanium oxide, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(mica coated with; loose **powder foundations** contg. porous high-refractive index ceramics or pigments with wrinkle-masking effect and good gas permeability)

IT 14807-96-6, Talc, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(superfine particles; loose **powder foundations** contg. porous high-refractive index ceramics or pigments with wrinkle-masking effect and good gas permeability)

L163 ANSWER 9 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:640677 HCAPLUS

DN 131:262515

TI Inorganic composite **powders** for **cosmetics**

IN Miyazaki, Takumi; Tanaka, Hirokazu

PA Catalysts & Chemicals Industries Co., Ltd., Japan

SO PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9949834	A1	19991007	WO 1999-JP1502	19990325
	W: JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1066818	A1	20010110	EP 1999-910691	19990325
	R: DE, FR, GB, IT				
PRAI	JP 1998-87837		19980401		
	WO 1999-JP1502		19990325		
AB	Disclosed are an inorg. composite powder having a satisfactory covering ability and a feeling of transparency, and a cosmetic comprising the inorg. composite powder which can cover a defect on a human skin such as a wrinkle, while maintaining a natural feeling of appearance. The inorg. composite powder comprises a flake substrate and two or more inorg. oxides laminated thereon in decreasing order of refractive index, wherein the difference in the refractive index between the outerlayer inorg. oxide and interlayer inorg. oxide is .ltoreq. 0.6, or the thickness of at least one layer of the interlayers falls within .+-.20 % of the value d, defined by the formula: $d = (.lambda. \cdot X/4)/n$, wherein .lambda., X and n represent a wave length of a visible ray, an odd integer, and a refractive index of an inorg. oxide of the layer, resp. The cosmetic preferably utilizes an inorg. composite powder having an outermost layer comprising an inorg. oxide having a refractive index of .ltoreq. 1.5. Mica was coated with titanium oxide , zirconium oxide , aluminum oxide , and silica to make an inorg. composite powder . The inorg. composite powder was combined with other ingredients for making a cake foundation contg. the inorg. composite powder 30, sericite 36, mica 10, TiO2 5, red iron oxide 0.4, yellow iron oxide 1.6, black iron oxide 0.05, sorbitan fatty acid ester 2.5, stearyl alc. 6, lanolin 5, liq. paraffin 2, triethanolamine 1, methylparaben 0.45 and perfume q.s. to 100 %.				
IT	1314-13-2, Zinc oxide, biological studies 7727-43-7, Barium sulfate 10043-11-5, Boron nitride,				

biological studies 12174-53-7, Sericite 13463-67-7,
Titanium oxide, biological studies 14807-96-6,
 Talc, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(inorg. composite **powders** for **cosmetics** contg.
 layered inorg. oxides with specified refractive indexes)

RE.CNT 4

RE

- (1) Anon; JP 930917 A 1997
- (2) Anon; JP 930935 A 1997
- (3) Anon; JP 971417 A 1997
- (4) Nippon Sheet Glass Co Ltd; JP 971417 A 1997, P3

L163 ANSWER 10 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:583103 HCAPLUS

DN 131:219016

TI **Makeup cosmetics** containing **powder** coated
 with organic red pigments and translucent **powder**

IN Suzuki, Yuka; Nakamura, Takeshi; Nakamura, Tadao

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11246351	A2	19990914	JP 1998-62266	19980226
AB	<p>The cosmetics, which conceal spots and freckles, give natural appearance to face, and are compatible to sensitive skin, contain (A) base powder successively coated with a org. red pigment powder layer and a layer contg. translucent powder, (B) alkyl-modified carboxyvinyl polymers and/or their physiol. acceptable salts, and optionally (C) nonionic surfactants with HLB 3-7 at 25.degree. and 1 atom. The translucent powder may contain Fe oxide and/or yellow org. pigments. A mixt. of 20 parts Japan Red 202 and 80 parts Fe-doped mica was milled with 70 parts fumed silica gel to give translucent red powder. An O/W foundation was prepd. from jojoba oil 4, squalane 2, hexamethylcyclotrisiloxane 3, microcryst. wax 2, cetyl palmitate 2, sucrose fatty acid esters 1, sorbitan sesquioleate 0.2, butylparaben 0.1, Pemulen TR 2 0.5, 1,3-butanediol 8, glycerin 2, methylparaben 0.2, triethanolamine 0.6, Tipaque TTO-F 6 (TiO2) 8, yellow Fe oxide 3, red Fe oxide 1, talc 5, the red powder 3, and H2O 55.4%.</p>				
IT	<p>1309-37-1, Iron oxide (Fe2O3), biological studies 1314-13-2, Zinc oxide, biological studies 1332-37-2, Iron oxide, biological studies 7727-43-7, Barium sulfate 12174-53-7, Sericite 12227-89-3, Black iron oxide 14807-96-6, Talc, biological studies 51274-00-1, Yellow iron oxide RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (makeup cosmetics contg. powder coated with org. red pigments and translucent powder and alkyl-modified carboxyvinyl polymer for natural appearance)</p>				

L163 ANSWER 11 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:518662 HCAPLUS

DN 131:161467

TI **Makeup cosmetics** containing alumina and rutile-type
 titanium **mica**

IN Ikeda, Tomoko; Ogawa, Katsumoto; Murui, Ikuro

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11222414	A2	19990817	JP 1998-38123	19980204
AB	Title cosmetics , which show luster and hiding power, contain Al ₂ O ₃ and rutile-type Ti mica having red interference color. A pressed powder was prepd. from sericite 20.0, TiO ₂ 3.0, porous spherical silica 5.0, Al ₂ O ₃ 10.0, Flamenco Satin Red (Ti mica) 3.0, pigments 3.0, squalane 3.0, glycerin triisooctanoate 2.0, antiseptic, perfume, and talc to 100 wt.%. IT 224961-12-0, Flamenco Satin Red RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (makeup cosmetics contg. alumina and rutile-type Ti mica)				

L163 ANSWER 12 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:380660 HCAPLUS

DN 131:49204

TI **Makeup** compns. containing titania

IN Kuroda, Akihiro

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11158035	A2	19990615	JP 1997-347104	19971201
AB	Wrinkle- and rough skin-preventing cosmetics contain titania having primary particle size of 0.001-0.15 and secondary particle size of 0.6-2.0 .mu.m. The titania is an anatase crystal and shows strong aggregation property. The titania is further coated with hydroxide and/or oxide of Al, Si, Ti and/or Zn. A cosmetic foundation contained the coated titania 20.0, silicone-treated talc 20, silicone-treated sericite 24.3, silicone-treated mica 20, silicone-treated titania ultramicroparticles 2.5, white petrolatum 3.0, dimethylpolysiloxane 3.0, UV absorber 3.0, squalane 1.0, and preservatives to 100 wt.%. IT 1314-13-2, Zinc oxide , biological studies RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses) (Makeup compns. contg. titania) IT 13463-67-7, Titania , biological studies RL: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses) (makeup compns. contg. titania)				

L163 ANSWER 13 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:147721 HCAPLUS

DN 130:187020

TI Colorant-containing silica-coated **powders** for **cosmetic** manufacturing

IN Nishikata, Kazuhiro; Suzuki, Yuka; Nakamura, Tadao

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11060444	A2	19990302	JP 1997-237763	19970819
AB	Powders for manufg. cosmetics [foundations] comprise a core layer selected from mica , sericite, talc, titanium mica , titanium sericite, titania, zinc oxide , anhyd. silica, zirconia, aluminum oxide , barium sulfate and iron oxide and colorant-contg. silica as coating layer. The colorants are e.g. yellow iron oxide and red color 226.				
IT	1314-13-2, Zinc oxide , biological studies 1332-37-2, Iron oxide , biological studies 7727-43-7, Barium sulfate 12174-53-7, Sericite 13463-67-7, Titania, biological studies 51274-00-1, Yellow iron oxide RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (colorant-contg. silica-coated powders for cosmetic manufg.)				

L163 ANSWER 14 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:107023 HCAPLUS

DN 130:158296

TI Acrylic polymer-coated **powders** and coating compositions
containing the **powders**

IN Kamata, Tsutomu; Nishimura, Hiroatsu; Sakazaki, Yukari

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11035639	A2	19990209	JP 1997-205188	19970715
AB	Powders coated with polymers prepd. from monomers contg. acrylic acid as a component are claimed. Compns. e.g. cosmetics , pharmaceuticals, paints, inks, etc., contg. the coated powders are also claimed. The coated polymers prevent formation of peroxides on the skin. Powders of TiO₂, ZnO, yellow iron oxide, Fe₂O₃, black iron oxide , or C black were coated with an aq. compn. contg. Acrylic acid-.alpha.- methylstyrene-styrene copolymer. A foundation contg. each of the above polymer-coated powders , sericite, mica , talc, and dimethicone showed lower skin-irritating effect than a control foundation contg. uncoated powders .				
IT	1309-37-1, Red iron oxide , biological studies 1314-13-2, Zinc oxide , biological studies 12227-89-3, Black iron oxide 13463-67-7, Titania , biological studies 51274-00-1, Yellow iron oxide RL: BUU (Biological use, unclassified); PRP (Properties); TEM (Technical or engineered material use); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (acrylic polymer-coated powders as antioxidants for cosmetics , pharmaceuticals, paints, inks, etc.)				

L163 ANSWER 15 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:101059 HCAPLUS

DN 130:213459

TI Skin **cosmetics**

IN Nishimoto, Kazuhiro

PA Seven Kagaku K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11035422	A2	19990209	JP 1997-205518	19970716
AB	Skin cosmetics showing improved titania dispersibility and UV protection effects comprise polyurethane [e.g. hexamethylene isocyanate-trimethylolhexyl lactone polymer] powder-coated titania particles. A powder foundation contained the coated titania 10, sericite 25, talc 45. mica 5, red iron oxide 0.6, yellow iron oxide 1.9, black iron oxide 0.1, squalane 5, octyldecyl myristate 2, lanolin 3, glyceryl tri-2-ethylhexanoate 2. antioxidants, preservatives and perfumes to 100 wt.%. IT 13463-67-7 , Titania, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (skin cosmetics contg. polyurethane powder-coated titania particles)				

L163 ANSWER 16 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1999:81276 HCAPLUS
DN 130:129774
TI **Cosmetics**
IN Suzuki, Fukuji; Yagita, Yoshiaki
PA Shiseido Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11029429	A2	19990202	JP 1997-197747	19970708
AB	Cosmetics contain thin mica [0.2-2.mu.m-thick; 0.1-2 mm length] coated with metal oxide and/or metal hydroxide. Metals are e.g. titanium, iron and zinc. An eye shadow contained mica 30, sericite 20, talc 15, colorants 15, pearly agents 5, squalane 10, methylpolysiloxane 4 and sorbitan isostearate 1 parts. IT 13463-67-7 , Titania, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (cosmetics contg. mica coated with metal oxide and/or metal hydroxide)				

L163 ANSWER 17 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:558653 HCAPLUS
DN 129:207009
TI Sericin-coated **powders** for **cosmetics**
IN Yamada, Hideyuki; Okano, Yuri
PA NOEVIR Co., Ltd., Japan; Seiren Co., Ltd.
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10226626	A2	19980825	JP 1997-50897	19970218
AB	Powders coated with sericin or its hydrolyzates are used for cosmetics to conceal skin defects and provide smooth and lustrous skin. Talc was immersed in an aq. soln. contg. sericin hydrolyzates and after centrifugation, the product was dried at 70.degree.				

to obtain a sericin hydrolyzate-coated talc. By the same manner, mica, titania, iron oxide, nylon, and polystyrene powder were coated with a sericin hydrolyzate. A makeup compn., such as a foundation and eyeliner, was formulated contg. the above products.

IT 1309-37-1, Red iron oxide,
biological studies 12174-53-7, Sericite 12227-89-3,
Black iron oxide 13463-67-7,
Titania, biological studies 14807-96-6, Talc, biological studies
51274-00-1, Yellow iron oxide
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(powders; sericin-coated powders for
cosmetics)

L163 ANSWER 18 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:430639 HCAPLUS

DN 129:85848

TI UV-blocking cosmetics containing titanium
oxide

IN Tomita, Yuriko; Shimoyama, Masahide

PA Kosei Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10182351	A2	19980707	JP 1996-358774	19961227
AB	Title cosmetics, which show good spreadability and compatibility with skin, contain (a) spindle- or needle-shaped TiO2 fine particles having minor axis 0.005-0.1 .mu.m and major axis 0.01-0.5 .mu.m and (b) TiO2-coated extender pigments contg. Fe. A powder foundation was prepd. from spindle-shaped TiO2 (minor axis 0.015 .mu.m, major axis 0.075 .mu.m) 5, sericite coated with TiO2 and Fe oxide 10, TiO2 particle 10, talc 20, vaseline 1, liq. paraffin 1, 2-ethylhexyl p-methoxycinnamate 2, di-Me polysiloxane 1, other additives, and mica to 100%.				

IT 1332-37-2, Iron oxide, biological studies 12174-53-7,
Sericite 13463-67-7, Titanium oxide,
biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(UV-blocking cosmetics contg. TiO2 and pigments
coated with TiO2 and Fe compds.)

L163 ANSWER 19 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:364822 HCAPLUS

DN 129:71937

TI Cosmetic stock for preventing skin roughening and improving
moisture retention

IN Hase, Noboru

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 24 pp.

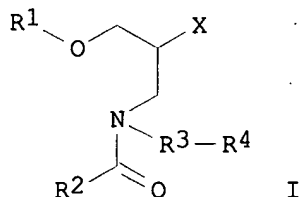
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10152410	A2	19980609	JP 1996-311941	19961122
OS	MARPAT 129:71937				
GI					



AB The stock with good **coatability** contains (a) amide compds. I (R1, R2 = C1-40 hydrocarbonyl optionally contg. OH group; R3 = C1-6 alkylene; R4 = H, C1-12 alkoxy group or 2,3-dihydroxypropyloxy group; R4 = H when R3 = single bond; X = OH, glycidoxy, glyceryl) with m.p. 0-50.degree. and (b) hydrophobilized pigments. Reaction of 3-methoxypropylamine with tetradecyl glycidyl ether, amidation with Me hexadecanoate, reaction with epichlorohydrin, ring opening with acetic acid, and base hydrolysis gave I with R1 = C14H29, R2 = C15H31, R3 = (CH2)3, R4 = OCH3, and X = glyceryl; m.p. 27.degree.. A **powder foundation** comprised TiO2 10, sericite 30, mica the balance, kaolin 5, 0.8, iron oxide red 0.8, iron oxide yellow 2.5, iron oxide black 0.1 [all pigments treated with (C8F17CH2CH2O)2P(O)OH], I 8.0, beeswax 2.0, preservative 0.2, and perfume 0.01%.

IT 1309-37-1, Iron oxide red, biological studies 12174-53-7, Sericite 12227-89-3, Iron oxide black 13463-67-7, Titanium oxide, biological studies 51274-00-1, Iron oxide yellow
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (cosmetic stock for preventing skin roughening and improving moisture retention)

L163 ANSWER 20 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:360626 HCAPLUS

DN 129:99813

TI **Cosmetic** stock for preventing skin roughening and improving moisture retention

IN Imai, Takeo; Kajiwara, Keigo; Hirose, Tomoko

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 26 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10152427	A2	19980609	JP 1996-311940	19961122
OS	MARPAT 129:99813				
GI					

R1OCH2CH(X)CH2N(R3R4)COR2 I

AB The stock with good **coatability** contains (a) amide compds. I (R1, R2 = C1-40 hydrocarbonyl optionally contg. OH group; R3 = C1-6 alkylene; R4 = H, C1-12 alkoxy group or 2,3-dihydroxypropyloxy group; R4 = H when R3 = single bond; X = OH, glycidoxy, glyceryl) with m.p. 0-50.degree., (b) hydrophobilized pigments, and (c) nonvolatile liq. oils, semi-solid or solid fats and waxes. Reaction of 3-methoxypropylamine with tetradecyl glycidyl ether, amidation with Me hexadecanoate, reaction with epichlorohydrin, ring opening with acetic acid, and base hydrolysis gave I with R1 = C14H29, R2 = C15H31, R3 = (CH2)3, R4 = OCH3, and X = glyceryl;

m.p. 27.degree.. A **powder foundation** comprised
mica 37.49, talc 4.8, **TiO2** 14, **mica titan** 3.5,
iron oxide (red, yellow, black) 8.2, **Zn oxide**
 4.5, **Al oxide** 10, Ba sulfate 5, I 6.0, lanolin 3, vaseline 1,
 iso-Pr myristate 1, preservative 1.5, and perfume 0.01%.

IT **1309-37-1**, **Iron oxide red**, biological studies **12174-53-7**
 , **Sericite 12227-89-3**, **Iron oxide black 13463-67-7**,
Titanium oxide, biological studies **51274-00-1**,
Iron oxide yellow
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); BIOL (Biological study); USES (Uses)
 (cosmetic stock for preventing skin roughening and improving
 moisture retention)

L163 ANSWER 21 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:274952 HCAPLUS

DN 129:17091

TI Pearly luster pigments comprising blue synthetic **micas** which
 contain reduced titanium and coatings, **cosmetics**, inks, and
 plastics therefrom

IN Takao, Yuji; Yamamoto, Masaru; Ishikawa, Tomohito

PA Topy Industries, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10114867	A2	19980506	JP 1996-287264	19961011
AB	Title pearly pigments comprise synthetic micas with blue color which contain reduced Ti and are coated with metal oxides . Thus, 10 parts TiO2 was blended with 100 parts mixt. of K fluorosilicate 18.2, K2CO3 4.7, Mg2O 28.2, Al2O3 11.9, and SiO2 37.0%, heated at 1450.degree. in the presence of C (reducing agent), and cooled to give blue mica crystals contg. 5% Ti. Flakes from the mica crystals (20 g) in 400 mL H2O were reacted with 300 mL titanyl sulfate soln. at 100.degree. for 3 h, filtered, and fired at 800.degree. for 1 h to give pearly pigments having glossy blue color.				
IT	13463-67-7 , Titania , processes RL: PEP (Physical, engineering or chemical process); PROC (Process) (prepn. of pearly pigments comprising Ti-contg. synthetic micas with glossy blue color for coatings, cosmetics , inks, and plastics)				

L163 ANSWER 22 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1998:210619 HCAPLUS

DN 128:299351

TI UV protectants

IN Kojima, Hiroyuki; Tomono, Norihiro

PA Ichimaru Pharcos Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10087469	A2	19980407	JP 1996-265394	19960913
AB	UV protectants contain titania, titania- coated mica and/or zinc oxide and phenolic compds., esp. tannins. The UV protectants are useful for manufg. sunscreens, facial powders , eyeliners, eyeshadow creams, and cream or solid cosmetic foundations .				
IT	1314-13-2 , Zinc oxide , biological studies 13463-67-7 , Titania , biological studies				

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(UV protectants and **cosmetics** contg. UV protectants)

L163 ANSWER 23 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:630751 HCAPLUS

DN 127:267826

TI UV-shielding agents for **cosmetic** manufacturing

IN Yoshino, Osayuki; Suzuki, Fukuji

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09249542	A2	19970922	JP 1996-84684	19960312
AB	UV-shielding agents contain WO3 microparticles coated with Al oxide , zirconia and/or silica and then subjected to hydrophobic treatment and have particle size 5-200 nm, preferably 5-50 nm. The UV-shielding agents are useful for manufg. cosmetics . As an example, a powder foundation contained talc 15.0, mica 20.0, sericite 19.7, the microparticles 10.0, titanium mica 3.0, zinc stearate 1.0, red iron oxide 1.0, yellow iron oxide 3.0, black iron oxide 0.2, nylon powder 10.0, squalane 6.0, lanolin acetate 1.0, octyldodecyl myristate 2.0, neopentyl glycol diisooctanoate 2.0, sorbitan monooleate 0.5, preservatives, antioxidants and perfumes to 100 parts.				

L163 ANSWER 24 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:587110 HCAPLUS

DN 127:225113

TI **Cosmetic foundations**

IN Nakamura, Takeshi

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09227336	A2	19970902	JP 1996-54238	19960216
AB	Compns. for application under a foundation comprise 1-2 wt.% titanium mica (titania- coated mica). As an example, the compn. contained titania- coated mica 2, liq. paraffin 3, neopentyl glycol diisooctanoate 15, POE stearate 0.5, glycerol monostearate 3.5 diglycerol monooleate 1, stearic acid 1.5, butylparaben 0.1, 1,3-butanediol 5, methylparaben 0.3, triethanolamine 1.5, red iron oxide 0.05, yellow iron oxide 0.5 and water to 100 parts.				
IT	13463-67-7, Titanium oxide , biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(mica coated with; cosmetic foundations contg. titania- coated mica)				

L163 ANSWER 25 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:579784 HCAPLUS

DN 127:210223

TI **Cosmetics** containing **zinc oxide-coated inorganic powders**

IN Katsuyama, Tomosuke; Kimura, Asa; Watanabe, Naoko

PA Shiseido Co., Ltd., Japan; Katsuyama, Tomosuke; Kimura, Asa; Watanabe,

Naoko
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9731068	A1	19970828	WO 1997-JP478	19970221
	W: KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 09227792	A2	19970902	JP 1996-60197	19960221
	EP 848044	A1	19980617	EP 1997-904592	19970221
	R: DE, FR, GB, IT				
PRAI	JP 1996-60197		19960221		
	WO 1997-JP478		19970221		

AB Disclosed are a **powder** excellent in spreadability without detriment to the fatty acid-solidifying power inherent in **zinc oxide** and an external prepn. for skin made by using the **powder**. A **zinc oxide-coated** material is characterized by being prepd. by applying amorphous **zinc oxide** on a substrate. For example, 3 % ZnO-coated mica was treated with silicone and used in formulating **powdery foundation**.

IT 1309-37-1, Iron oxide, biological studies 1314-13-2, **Zinc oxide**, biological studies 13463-67-7, **Titanium oxide**, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (cosmetics contg. **zinc oxide-coated** inorg. **powders**)

L163 ANSWER 26 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:542772 HCAPLUS

DN 127:180948

TI Water-repellent and antimicrobial **powders** and **powder cosmetics** containing them

IN Matsui, Junichi; Okabe, Bunichi; Sano, Hiromitsu

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09208401	A2	19970812	JP 1996-35571	19960129

AB Antimicrobial **cosmetics** contain title **powders** comprising 0.001-0.1 .mu.m antimicrobial **powders coated** with acylated amino acids at **coating** amt. 0.5-20 wt.%. A mixt. of N-lauroyl-L-lysine, NaOH, and H2O was added to a mixt. of ZnO (av. particle size 0.02 .mu.m), HCl, and H2O to give a modified **powder**, 4 wt.% of which was mixed with silicone-treated TiO2 19, silicone-treated mica 19, silicone-treated talc 19, silicone-treated sericite 16, silicone-treated **red iron oxide** 1.5, silicone-treated **yellow iron oxide** 3, silicone-treated **black iron oxide** 0.5, nylon **powder** 5, squalane 6, di-Me polysiloxane 2, hydrocarbon 3, and octyldodecyl myristate 2 wt.% to prep. a durable **powder foundation**.

IT 1314-13-2, **Zinc oxide**, biological studies
 RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (antimicrobial **powders coated** with water repellents for **cosmetics**)

L163 ANSWER 27 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:390487 HCAPLUS

DN 127:39534

TI **Makeup cosmetic powders** containing
DNA-coated colorants and oily substances

IN Sano, Hiromitsu; Sato, Norimasa

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09132513	A2	19970520	JP 1995-317403	19951110

AB **Makeup cosmetic powders**, which have long-lasting moisturizing and **cosmetic** effect, contain DNA- or its water-sol. salt-**coated** colorants and 0.5-30 wt.% oily substances. A **foundation** was formulated contg. liq. paraffin, talc, and DNA K-coated **Fe oxide**, **TiO₂**, **mica**, and sericite.

IT **1309-37-1, Red iron oxide**, biological studies **12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide (TiO₂)**, biological studies **51274-00-1, Yellow iron oxide 57455-37-5, Ultramarine blue**
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (makeup cosmetic powders contg. DNA-coated colorants and oily substances)

L163 ANSWER 28 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:286453 HCAPLUS

DN 126:268326

TI UV-shielding **cosmetics** containing polyarylates

IN Tanaka, Takumi

PA Daito Kasei Kogyo Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

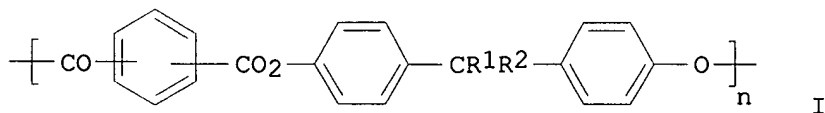
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09052818	A2	19970225	JP 1995-203670	19950809

GI



AB Title **cosmetics**, which show transparency and good UV absorbability, contain polyarylates I (R₁, R₂ = alkyl, allyl, aryl; n .gtoreq. 5) or colorants **coated** with I. Talc, **TiO₂**, sericite, **mica**, and iron **oxides** were dispersed in a CH₂Cl₂ soln. of polyarylate [prepd. from 2,2-bis(4-hydroxyphenyl)propane, terephthalic acid, and isophthalic acid] to prep. polyarylate-**coated** colorants. A pressed **powder foundation** was formulated from the talc 54.0, the **TiO₂** 5.0, the sericite 27.9, the **mica** 5.0, the **red iron oxide** 0.5, the **yellow iron oxide**

1.0, the **black iron oxide** 0.1, lanolin 1.0, liq. paraffin 3.5, iso-Pr myristate 2.0 wt. parts, antioxidant, and antiseptic to 100 parts.

IT **1309-37-1, Red iron oxide**,
biological studies **12174-53-7**, Sericite **12227-89-3**,
Black iron oxide 13463-67-7,
Titanium oxide, biological studies **14807-96-6**,
Talc, biological studies **51274-00-1**, **Yellow iron oxide**
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(UV-shielding **cosmetics** contg. colorants coated with polyarylates)

L163 ANSWER 29 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:253614 HCAPLUS

DN 126:242621

TI **Makeup cosmetics** containing acrylic resin-coated pearly pigments

IN Ogawa, Katsumoto; Kumagai, Shigenori

PA Shiseido Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09048707	A2	19970218	JP 1995-218218	19950803
AB	<p>The cosmetics contain .gtoreq.1 coated pigments comprising .gtoreq.1 flake pearly pigments selected from Ti mica, Fe oxide-coated mica, and low-order TiO2-coated Ti mica, whose surfaces are coated with spherical microfine particles of acrylic resins at wt. ratios of the pearly pigments to the acrylic resins 60:40 to 40:60. White Ti mica flakes (TiO2 content 29%, av. particle size 6 .mu.m) was coated with spherical poly(Me methacrylate) (I) (av. particle size 0.7 .mu.m) at (Ti mica)/I wt. ratio of 55/45, by slurring in an aq. alc. soln. and spray drying. A solid foundation contg. the coated Ti mica at 5 wt.% was spread on human skin. The skin showed good light reflection characteristics, i.e. transparency like bare skin.</p>				

IT **1332-37-2, Iron oxide**, biological studies
13463-67-7, Titanium oxide, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(**mica coated with; makeup cosmetics** contg. spherical acrylic resin-coated flake pearly pigments)

L163 ANSWER 30 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:189478 HCAPLUS

DN 126:190764

TI **Cosmetics** and surface treating agents containing fluoroethyltris(hydroxydimethylsiloxy)silane

IN Yoshida, Masashi; Fukui, Hiroshi

PA Shiseido Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09002920	A2	19970107	JP 1995-156503	19950622
AB	Cosmetics and surface treating agents contg.				

C8F17CH2CH2Si(OSiMe2OH)3 (I) are claimed. **Makeup cosmetics** contg. I or **powders coated** with I show water- and sebum-resistance and are stable against e.g. sweating, washing and swimming. A water- and oil-repellent solid **foundation** contg. **TiO2** 5.9, talc 23.9, globular polystyrene 20.0, **mica** 43.0, **Fe oxide** 7.0, I 2.0 wt.%, paraben, antioxidants, and perfumes was prepd.

L163 ANSWER 31 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:189462 HCAPLUS

DN 126:190761

TI **Powders** coated with polyacrylates and **cosmetics** containing them

IN Nishihama, Shuji; Yokozuka, Akihito; Kumagai, Shigenori

PA Shiseido Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08337514	A2	19961224	JP 1995-170355	19950613
AB	<p>Cosmetics contain powders, which show hydrophobicity and good adhesion with the skin, comprising inorg. and/or org. powders coated with copolymers of acrylic acids and/or their esters. A mixt. of mica 10, talc 20, TiO2 10, and Fe oxide 5 parts was treated with 5 parts Dermacryl 79 (octylacrylamide acrylic resin) in 50 parts EtOH. A solid foundation was prepd. contg. the treated powder 85, lanolin 5, liq. paraffin 5, sorbitan sesquioleate 2, stearic acid 1.5, triethanolamine 1 wt.%, antiseptics, and perfumes.</p>				
IT	<p>1314-13-2, Zinc oxide, biological studies 1332-37-2, Iron oxide, biological studies 13463-67-7, Titanium oxide, biological studies 14807-96-6, Talc, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)</p>				

(**powders** coated with polyacrylates for **cosmetics**)

L163 ANSWER 32 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1997:33582 HCAPLUS

DN 126:190719

TI Recent advancements in pearlescent pigments technology

AU Uzunian, G.

CS Mearl Corporation, New York, NY, 10510, USA

SO SOFW J. (1996), 122(15), 1041-1042, 1044, 1046, 1048

CODEN: SOFJEE; ISSN: 0942-7694

PB Verlag fuer Chemische Industrie H. Ziolkowsky

DT Journal

LA English

AB **TiO2-coated mica pigments** were modified resulting in a broad range of color effects combined with controlled luster. By reducing the particle size to 6 .mu., transparency and luminescence were maintained. The characteristics of **interference pigments** were discussed and the distinguishing properties and potential applications of the smaller particles in novel **cosmetics** were explored.

IT **13463-67-7, Titanium oxide (TiO2)**, biological studies

RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(**cosmetic** pearlescent pigments with smaller particle size)

L163 ANSWER 33 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:658801 HCAPLUS

DN 125:338668
 TI Development of neo-chiaroscuro **cosmetic makeup** using
mica coated with titanium lower **oxides**
 AU Nishihama, Shuji
 CS Shiseido Basic Res. Lab., Shiseido Co., Ltd., Yokohama, 223, Japan
 SO Fragrance J. (1996), 24(10), 55-63
 CODEN: FUJAD7; ISSN: 0288-9803
 DT Journal; General Review
 LA Japanese
 AB A review with 6 refs. on properties of **mica coated**
 with Ti lower **oxides** and their application to **cosmetic**
 bases and **foundations**.
 IT **13463-67-7, Titanium oxide (TiO₂)**,
 biological studies
 RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological
 study); USES (Uses)
 (development of neo-chiaroscuro **makeup** product using
mica coated with Ti lower **oxides**)

L163 ANSWER 34 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:593758 HCAPLUS

DN 125:230190

TI Core-shell-type colorants and **cosmetic makeups**
 containing the colorants

IN Myazawa, Masakazu; Nishikata, Kazuhiro

PA Pola Kasei Kogyo Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08188723	A2	19960723	JP 1995-1435	19950109
AB	Core-shell-type colorants comprising thin plate-type mica as cores and dye(red iron oxide)-contg. titania as coatings and cosmetic makeups contg. the core-shell-type colorants are claimed. As an example, a facial powder contained the colorants 5.0, nylon powder 35.0, sericite 19.7, talc 30.5, yellow iron oxide 1.5, red iron oxide 1.0, ultramarine 1.0, paraben 0.2, dimethylpolyosiloxane 2.0, liq. paraffin 4.0, and perfumes 0.1 wt.%. The cosmetics covered and smoothened the wrinkle and freckle on the skin.				
IT	1309-37-1P, Red iron oxide , biological studies 13463-67-7P , Titania, biological studies RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses) (core-shell-type colorants and cosmetic makeups contg. the colorants)				

L163 ANSWER 35 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:590324 HCAPLUS

DN 125:230189

TI Core-shell-type colorants and **cosmetic makeups**
 containing the colorants

IN Myazawa, Masakazu; Nishikata, Kazuhiro

PA Pola Kasei Kogyo Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08183911	A2	19960716	JP 1994-327353	19941228

AB Core-shell-type colorants showing skin color are prepd. contg. thin plate-type cores and colorant-contg. titania as **coatings**, in which thin plate-type colorant : titania **coating** ratio is 10:90 - 40: 60 (color : titania in the **coatings** = 3: 97-18:82). A **powder foundation** contained sericite 18.5, talc 20.0, mica 5.0, red iron oxide 1.0, titanium mica 5.0, titania 5.0, ultramarine 0.2, colorants (mica as cores and red iron oxide-contg. titania as **coatings**) 30.0, dimethylpolysiloxane 5.0, liq. paraffin 10.0 and perfumes 0.1 wt.%.

IT 1309-37-1P, Red iron oxide, biological studies 13463-67-7P, Titania, biological studies
 RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (core-shell-type colorants and **cosmetic makeups** contg. the colorants)

L163 ANSWER 36 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:588381 HCAPLUS

DN 125:230212

TI Oily **makeup cosmetics** containing DNA-coated pigments

IN Sato, Nobumasa

PA Kanebo Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08198728	A2	19960806	JP 1995-26100	19950119
AB	The title cosmetics , which show long-lasting moisturizing effect, comprise pigments coated with DNA or their water-sol. salts and oil ingredients. A lipstick was prepd. from paraffin 4.0, candelilla wax 8.0, ceresin 3.0, lanolin 10.0, vaseline 15.0, oleyl alc. 15.0, castor oil 25.0, and 2% DNA K salt- coated pigments (comprising Red No.201 1.2, Red No.202 0.3, yellow iron oxide 1.5, TiO2 2.3, black iron oxide 0.3, and Ti-mica 6.0 wt.%) 11.6, and caprylic/capric triglyceride to 100.0 wt.%.				
IT	1309-37-1, Red iron oxide, biological studies 12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide , biological studies 51274-00-1, Yellow iron oxide 57455-37-5, Ultramarine blue RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (oily makeup cosmetics contg. DNA-coated pigments)				

L163 ANSWER 37 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:523790 HCAPLUS

DN 125:150771

TI Titania-coated iron oxide as colorants for manufacturing skin **cosmetics**

IN Nishikata, Kazuhiro; Myazawa, Masakazu

PA Pola Kasei Kogyo Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08134374	A2	19960528	JP 1994-269493	19941102
AB	Iron oxide cores are coated with titania [iron				

oxide : titania = 10:90-90:10 wt. ratio] for use as colorants in manufg. skin **cosmetics**. The colorants further contain a silica layer between the core and the titania **coating** layer. The colorants appeared natural and prevented flash light-related colorless phenomena. A **cosmetic makeup** contained sericite 27.98, talc 60.00, **red iron oxide** 0.20, **titanium oxide** 0.10, **ultramarine** 0.04, paraben 0.20, **mica** 1.00, **yellow iron oxide** 0.45, titania and silica-coted **yellow iron oxide** (colorant) 2.00, di-Me polysiloxane 4.00, liq. paraffin 4.00 and perfumes 0.03 wt. %.

IT **1332-37-2**, Iron oxide, biological studies **13463-67-7**, Titania, biological studies **51274-00-1**, **Yellow iron oxide**
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (titania- and silica-coated iron oxide as colorants for manufg. skin **cosmetics**)

L163 ANSWER 38 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:256584 HCAPLUS

DN 124:298452

TI Skin-color adjusting compositions containing colored **titanium oxide-coated mica**

IN Kimura, Asa; Tanaka, Toshihiro; Yoshida, Mari; Yagita, Yoshiaki

PA Shiseido Co., Ltd., Japan

SO Eur. Pat. Appl., 40 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 701810	A1	19960320	EP 1995-306450	19950914
	R: DE, ES, FR, IT				
	JP 08081332	A2	19960326	JP 1994-247314	19940914
	JP 08081333	A2	19960326	JP 1994-247315	19940914
	JP 3109390	B2	20001113		
	JP 08081334	A2	19960326	JP 1994-247316	19940914
	US 5690916	A	19971125	US 1995-528110	19950914
PRAI	JP 1994-247314		19940914		
	JP 1994-247315		19940914		
	JP 1994-247316		19940914		

AB In order to render a hyperchromic portion of the skin relatively inconspicuous, e.g. to cover blemishes caused by nevus, angioma, red face, spots or freckles, a material is applied that transmits light complementary to the undesirable skin color. This can be done without affecting the translucent texture of the skin. A suitable material for this purpose is colored **titanium oxide-coated mica** coated with iron **oxide** having an av. particle diam. of 60-150 nm. A **powdery foundation** contained talc 20.0, sericite 38.8, **titanium oxide-coated mica** 9.0, **titanium dioxide** 11.0, globular polystyrene 5.0, **red iron oxide** 0.6, **yellow iron oxide** 1.8, **black iron oxide** 0.1, D&C Red No 30 0.2, paraben 0.5, liq. paraffin 5.0, dimethylsilicone 5.0, sorbitan monoisostearate 2.0, ceresin 1.0%.

IT **1309-37-1**, Iron oxide, biological studies
13463-67-7, **Titanium oxide**, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (skin-color adjusting compns. contg. colored **titanium oxide-coated mica**)

L163 ANSWER 39 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:244122 HCAPLUS
 DN 124:324956
 TI Development of Neo-chiaroscuro **makeup** product using **mica**
coated titanium lower **oxides**
 AU Tanaka, Toshihiro; Nishihama, Shuji; Kumagai, Shigenori; Kimura, Asa;
 Suzuki, Fukuji
 CS Shiseido Res. Center, Japan
 SO J. SCCJ (1996), 29(4), 353-71
 CODEN: JOSCDQ; ISSN: 0387-5253
 DT Journal
 LA Japanese
 AB A newly developed "Neo-chiaroscuro" **makeup** presents a new
 concept based upon light reflection and absorption to the conventional
 technique. This new **makeup** provides versatility to the
 conventional technique and made it applicable to any condition and
 lighting environment, and does not require any **makeup** skill. A
 new **cosmetic** material which made Neo-chiaroscuro **makeup**
 is titanium lower **oxides coated mica**. By
 using the new **cosmetic** material, we have developed a
makeup product which is designed to reflect the light coming from
 the front to made a light portion and absorb the light coming aslant to
 make a dark portion. Application study was carried out with
makeup base and **foundation** formulated with this new
 material. The distribution of brightness indicated that the front view
 looks always bright and the side view looks always dark regardless of the
 directions of observation. Further, the results of the subjective
 observation also showed that the exptl. products exhibit the highlighting
 and contouring **makeup** effect, which is typically represented by
 such expressions as "the face looks slim: or "the nose looks shapely"
 irresp. of indoor or outdoor environments.
 IT 13463-67-7, **Titanium oxide**, biological studies
 RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
 chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
 (Neo-chiaroscuro **makeup** product using **mica**
coated titanium lower **oxides**)

L163 ANSWER 40 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1996:34583 HCAPLUS
 DN 124:66209
 TI Photochromic compounds for manufacturing skin preparations
 IN Ikuta, Yukie; Suzuki, Fukuji
 PA Shiseido Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07258580	A2	19951009	JP 1994-78088	19940323
AB	In prepn. of photochromic compds. for manufg. skin preps., a titanium dioxide layer contg. a metal which is able to form metal oxides with titanium oxide is coated on a thin plate base (e.g. mica) and sintered at 500-700.degree. to form cryst. particles having particle size 8.8-20.8nm when measured at K = 0.9 (Sherrer's equation) and high photochromic property. The photochromic substances showed reversible color changes after light irradsn. A powder foundation contained photochromic substances 40.0, talc 10.0, sericite 29.5, spherical nylon powder 8.0, polydimethylsiloxane 5.0, 2-ethylhexyl palmitate 5.0, sorbitan sesquioleate 1.5, preservatives 0.9, and perfumes 0.1 %.				
IT	1332-37-2P, Iron oxide , biological studies 13463-67-7P, Titanium oxide , biological studies RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses) (Prepn. of photochromic compds. for manufg. skin preps.)				

L163 ANSWER 41 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1995:967532 HCAPLUS

DN 124:37376

TI Oily **cosmetics** for point **makeup** containing colorants treated with N-acyllysines

IN Egawa, Juichiro

PA Kanebo Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07242515	A2	19950919	JP 1994-60284	19940303
AB	The title makeup cosmetics contain .gtoreq.1 synthetic org. food dyes and their lakes which are surface-treated with N-acyllysines. The cosmetics are prevented from dyeing of skin and lip and the makeups keep long. An oil base 71.0, perfume ad lib, antioxidant ad lib, Japan Red 104 Al lake treated with N-lauroyllysine (I) 4.0, Japan Red 202 treated with I 0.3, Japan Yellow 4 Al lake treated with I 1.0, Japan Blue 1 Al lake treated with I 0.1, TiO2 2.0, titanated mica 2.0, titanated mica coated with red Fe oxide 3.0 wt.%, and glycerin trioctanoate balance were mixed to give a lipstick.				

L163 ANSWER 42 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1995:922153 HCAPLUS

DN 123:349884

TI **Makeup cosmetics** containing aluminum-coated inorganic **powders**

IN Ito, Yasuaki; Sakatani, Hisanori

PA Nonogawa Shoji Yk, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07228509	A2	19950829	JP 1994-44909	19940217
AB	Makeup cosmetics contg. flaky inorg. powders coated with Al powders . The inorg. powders coated with Al powders show high regular reflection and enhance visual difference in height between concave and convex parts of face. An eye shadow contg. prussian blue-coated titanated mica further coated with Al powders was formulated.				
IT	1309-37-1, Red iron oxide, biological studies 1332-37-2, Iron oxide, biological studies				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(titanated mica coated with; makeup cosmetics contg. inorg. powders coated with Al powders)				

L163 ANSWER 43 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1995:693803 HCAPLUS

DN 123:92931

TI Pigments coated with colored metal oxide gels for **cosmetics**

IN Mitani, Hiroaki; Sakai, Kazuo; Ueda, Tsutomu

PA Kira Keshohin Kk, Japan; Fuji Pigment

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07133211	A2	19950523	JP 1993-282391	19931111
AB	The pigments are prepd. by coating inorg. base materials having smooth surface or globular inorg. base materials with metal oxide gels contg. colorants. The metal oxide gels may be prepd. from a material soln. contg. metal alkoxides, H ₂ O, acids, and alcs. by sol-gel method. The pigments are not irritating to skin and allergenic, give natural and transparent appearance to skin, and are prevented from discoloration by sweat and sebum because colorants are included in coating of gel without exposing on surface of the pigment. A coating compn. contg. red Fe oxide , Ethocel (dispersing agent) Me ₂ CHOH, Si(OEt) ₄ , H ₂ O, and HNO ₃ was poured onto mica and the mixt. was gradually heated from room temp. to 60.degree., further heated to 150.degree., and then kept at 150.degree. for 1 h to give mica coated with SiO ₂ gel contg. red Fe oxide . A face powder contg. the coated mica was formulated.				
IT	1309-37-1, Red iron oxide , biological studies 51274-00-1, Yellow iron oxide RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (pigments coated with colored metal oxide gels for cosmetics)				

L163 ANSWER 44 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1995:687282 HCAPLUS

DN 123:92923

TI **Cosmetics** containing **powders** coated with 2-methacryloyloxyethylphosphorylcholine polymers
 IN Shaku, Masao; Ookura, Sayuri; Kuroda, Hideo; Ooba, Ai; Nakabayashi, Norio
 PA Pola Kasei Kogyo Kk, Japan; Nakabayashi Norio
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07118123	A2	19950509	JP 1993-260652	19931019
AB	Cosmetics contain powders coated with polymers, obtained by polymn. using 2-methacryloyloxyethylphosphorylcholine (I) as one of the monomers. The cosmetics show moisture-retaining ability. Yellow Fe oxide 5.7, Ti oxide 23.3, red Fe oxide 2.0, talc 17.6, sericite 16.4, ultramarine 0.4, Prussian blue 0.4, Ca silicate 8.2, silica gel 8.2, black Fe oxide 0.4, mica 16.4, and I homopolymer 1 wt.% were mixed and pulverized to give powder . Cosmetic foundation contg. the powder was formulated.				
IT	1309-37-1, Red iron oxide , biological studies 12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide , biological studies 14807-96-6, Talc , biological studies 51274-00-1, Yellow iron oxide 57455-37-5, Ultramarine RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (powder; cosmetic powders coated with methacryloyloxyethylphosphorylcholine polymers)				

L163 ANSWER 45 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1995:331155 HCAPLUS

DN 122:89130

TI Solid **cosmetics** having moisturizing effect
 IN Endo, Yoshinori; Yoshioka, Takatsugu
 PA Procter and Gamble Co., USA
 SO PCT Int. Appl., 17 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9427560	A1	19941208	WO 1994-US5310	19940513
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9470178	A1	19941220	AU 1994-70178	19940513
PRAI	US 1993-67309		19930526		
	US 1994-217992		19940325		
	WO 1994-US5310		19940513		

AB The invention relates to a pressed **cosmetic** compn. which has a high level of moisturizing agent and adequate cake hardness, contg. 70-99% **powder** colorant and 1-30% a binder base contg. moisturizing agent and nonionic surfactant which is in liq. or paste form at 25.degree.. The binder base also meets at least one of the following requirements: the nonionic surfactant is at least one fifth by wt. of the moisturizing agent; or the binder base is a lipophilic gel having a resistivity of at least 10,000 .OMEGA..cm at room temp. For example, a lipophilic gel binder base contg. glycerol 5.0, propylparaben 0.05, diglyceryl diisostearate 5.5, and water 1.0% was sprayed on to a **powder** mixt. contg. **mica** 56.2, **methicone-coated mica** 15.0, **titania** 10.0, **nylon-12** 5.0, **yellow iron oxide** 1.5, **black iron oxide** 0.25, **red iron oxide** 0.4, and **methylparaben** 0.1%. The final mixt. was deagglomerated, sifted, and pressed into a **powder foundation**.

L163 ANSWER 46 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1994:563708 HCAPLUS

DN 121:163708

TI two layer-type **cosmetics** for UV protection

IN Nishikata, Kazuhiro; Shiozawa, Junji; Nakamura, Tadao

PA Pola Kasei Kogyo Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06157262	A2	19940603	JP 1992-304130	19921113
AB	Two layer-type cosmetics for UV protection consist of (A) an adhesive substance-contg. makeup compn. and (B) an UV protectant powder compn. Thus, an adhesive substance-contg. makeup compn. composed of ethanol, 1,3-butylene glycol, purified water, methylparaben, and acrylic acid-Et acrylate-Bu acrylate copolymer was applied to the skin, followed by application of an UV protectant powder compn. composed of spherical nylon powder , titanium oxide , talc, mica , red iron oxide , ultramarine , paraben , yellow iron oxide , mica-coated titanium oxide , liq. paraffin, squalane, and octyl p-methoxybenzoate.				
IT	13463-67-7, Titanium oxide (TiO2) , biological studies				
	RL: BIOL (Biological study)				

(double layer-type **cosmetics** contg., for UV protection)

L163 ANSWER 47 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1994:417746 HCAPLUS

DN 121:17746

TI **Powdery cosmetics** containing **mica** particles
coated with titania and silica

IN Nishikata, Kazuhiro; Nakamura, Tadao; Shiozawa, Junji

PA Pola Kasei Kogyo Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06056628	A2	19940301	JP 1992-211495	19920807
AB	Cosmetic powders contain mica particles coated with TiO2 and then with SiO2 . The cosmetics are effective in covering freckle yet give transparent feeling. Talc 21.40, mica 10.00, sericite 15.00, TiO2 20.00, yellow Fe oxide 5.50, red Fe oxide 2.40, ultramarine 0.50, claimed flaky powder 6.00, nylon powder 5.00, paraben 0.20, squalane 7.00, silicone oil 4.00, and liq. paraffin 3.00 wt.% were mixed and made into a powdery foundation . Organoleptic scores of the foundation were 4.1 for covering capacity and 4.2 for transparent appearance, vs. 3.8 and 2.9, resp. for a control foundation .				
IT	13463-67-7 , Titania, miscellaneous RL: MSC (Miscellaneous) (mica particles coated with silica and, powdery cosmetics contg., for freckle covering and transparent appearance)				
IT	57455-37-5 , Ultramarine RL: BIOL (Biological study) (mice coated with titania and silica and, cosmetics contg., for freckle covering and transparent appearance)				
IT	1332-37-2 , Iron oxide, miscellaneous RL: MSC (Miscellaneous) (mice coated with titania and silica and, cosmetics contg., for freckle covering and transparent appearance)				
IT	51274-00-1 , Yellow iron oxide RL: BIOL (Biological study) (mice triple-coated with titania and silica and, cosmetics contg., for freckle covering and transparent appearance)				

L163 ANSWER 48 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1994:307032 HCAPLUS

DN 120:307032

TI **Black iron oxide** coated thin filler pigments

AU Noguchi, Tamio

CS Res. Dev. Sect., Merck Japan Ltd., Iwaki, 970-04, Japan

SO J. SCCJ (1993), 27(3), 304-13

CODEN: JOSCDQ; ISSN: 0387-5253

DT Journal

LA English

AB **Black iron oxides** are used to prep.

make-up products having black color tone. The color of
black iron oxides on the market shows

yellowish and reddish black color tone. **Black iron**

oxide is formed by the oxidn. of $\text{Fe}(\text{OH})_2$ obtained by mixing NaOH

soln. and FeSO_4 soln. A mechanistic study is investigated. In the wet

method, several kinds of iron compds. are formed such as $\text{Fe}(\text{OH})_2$, Green

Rust, Fe_3O_4 , FeOOH , FeOOH and polynuclear complex contg. $[\text{Fe}_2(\text{OH})_3]^{3+}$ and

$\text{Fe}_2(\text{OH})_2\text{O}_2^+$. It is difficult to produce **black iron**

oxide consisting uniform particle because the particle size and

the particle shape are different by the reaction condition such as concn. of alk. soln. and iron salts soln., oxidn. condition of green rust contg. $\text{Fe}(\text{OH})_2$, kinds of iron salts and reaction temp. Therefore, **black iron oxide** having high chroma can not be produced by heterogeneous pptn. method. The chem. structure of **black iron oxide** is written as $(\text{FeO})_x(\text{Fe}_2\text{O}_3)_y$. In **black iron oxide** (Fe_3O_4), the theor. FeO content is 23.8%. The **black iron oxide** contg. below 10% FeO , the color is brown. The authors have developed thin filler pigment coated with uniform **black iron oxides** in the crystal shape. The uniform **black iron oxide** were pptd. on the thin filler pigment by homogeneous pptn. using iron salts and urea. The particle size of **black iron oxides** on thin filler pigment depended on kinds of iron salts as raw materials. The pigment having 0.3 μm of **black iron oxide** in mean particle size was very stable in thermal stability and very much higher in chroma. **Black iron oxide coated mica** having interference color were formed from hydrolysis of Iron salts using urea. The authors studied to confirm the ratio of $\text{Fe}(\text{III})/\text{Fe}(\text{II})$ of the formed **black iron oxide** by ion chromatog. in comparison with the color tone of produced pigment. And the crystal structure could be analyzed by Moessbauer spectrum. The **black iron oxide in interference** colored pigments consisted of $\gamma\text{-Fe}_2\text{O}_3$ and Fe_3O_4 .

IT 1317-61-9P, Iron oxide (Fe_3O_4), preparation 12227-89-3P,
Black iron oxide
 RL: PREP (Preparation)
 (prepn. of, for thin filler pigments coating for make-ups)

L163 ANSWER 49 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1994:86103 HCAPLUS

DN 120:86103

TI **Makeup cosmetic powders** containing monoacyl-type phospholipid-coated pigments

IN Sato, Norimasa

PA Kanebo Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

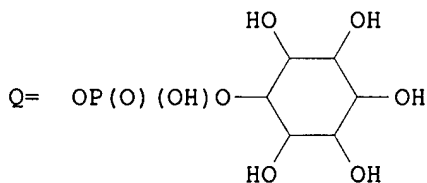
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05255042	A2	19931005	JP 1992-89368	19920314
OS	MARPAT 120:86103				
GI					



AB **Makeup cosmetic powders** contain pigments coated with $\text{ROCH}_2\text{CH}(\text{OH})\text{CH}_2\text{X}$ or $\text{HOCH}_2\text{CH}(\text{OR})\text{CH}_2\text{X}$ [$\text{R} = \text{COC}_{15}\text{H}_{31}$, $\text{COC}_{17}\text{H}_{35}$; $\text{X} = \text{OP}(\text{O})(\text{O}-)\text{O}(\text{CH}_2)_2\text{NH}_3^+$, $\text{OP}(\text{O})(\text{O}-)\text{O}(\text{CH}_2)_2\text{N}+\text{Me}_3$, Q]. The cosmetics show skin-moisturizing effect. Pigments (contg. mica 68.5, TiO_2 15.0, red iron

oxide 0.6, black iron oxide 0.2, and yellow iron oxide 1.7 wt.%) (740 g) was dispersed in H₂O contg. 20 g 1-palmitoyl-3-glycerylphosphorylcholine at .apprx.50.degree. for 60 min and the mixt. was dried and pulverized to give a powder. A cosmetic foundation contg. 86.0% the powder was formulated.

IT 1309-37-1, Red iron oxide, biological studies 12227-89-3, Black iron oxide 13463-67-7, Titania, biological studies 51274-00-1, Yellow iron oxide 57455-37-5, Ultramarine (pigment)
 RL: BIOL (Biological study)
 (lysophospholipid-coated, makeup cosmetics contg., moisturizing)

L163 ANSWER 50 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1994:14658 HCAPLUS

DN 120:14658

TI Sunscreens containing UV absorber powders

IN Kumagai, Shigenori

PA Shiseido Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05238924	A2	19930917	JP 1991-83071	19910322
AB	Sunscreens, which are not irritating to the skin, contain UV absorber-contg. polymer powders (av. particle size .ltoreq.1 .mu.m). Talc 15, mica 5, sericite 23.7, silicone-coated TiO ₂ 10.0, butylmethoxydibenzoylmethane-contg. methacrylate ester copolymer 20, iron oxide 2.8, squalane 8.0, lanolin 4.0, sorbitan sesquioleate 1.0, ethylparaben 0.4, and perfume 0.1% were mixed to give a powdery foundation, which showed good UV absorption property.				

L163 ANSWER 51 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1993:656288 HCAPLUS

DN 119:256288

TI Cosmetic pigment flakes with metal oxide coating

IN Tanimoto, Norihiro; Nakamura, Hiroyuki

PA Teikoku Kako Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05156174	A2	19930622	JP 1991-349623	19911206
AB	Cosmetic pigments comprise flaky powders coated with Ti oxide or composite oxide of Ti and Zn. For example, an aq. suspension of mica was treated with titanyl sulfate with boiling to give a Ti hydrolyzate-coated mica, to which an aq. soln. contg. Zn ammonia complex ion was added while heating to give a mica coated with hydrolyzates of Ti and Zn compds. The product was further heated to 500.degree. for 2h to obtain a mica coated with ZnO and TiO ₂ . The final product was used in formulating a sunscreen foundation.				

IT 1314-13-2, Zinc oxide (ZnO), biological studies

RL: BIOL (Biological study)

(mica coated with titania and, for cosmetic

pigments)
 IT 13463-67-7, Titania, biological studies
 RL: BIOL (Biological study)
 (mica coated with, for cosmetic pigments)

L163 ANSWER 52 OF 85 HCAPLUS COPYRIGHT 2001 ACS
 AN 1993:546366 HCAPLUS
 DN 119:146366
 TI Fluoroalkyl phosphate-coated **powders** and **cosmetics**
 containing them
 IN Takada, Hiroshi; Maeda, Junichi; Hase, Noboru
 PA Kao Corp, Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05124932	A2	19930521	JP 1990-314650	19901120
	JP 07014855	B4	19950222		
PRAI	JP 1990-286459		19901024		

AB Water- and oil-proofing **cosmetics** contain **powders**
 coated with $(C_nF_{2n+1}CH_2CH_2O)mP(O)(OH)_3$ (I) ($m = 2$; $n = 4-20$)
 .gtoreq.55, I ($m = 1$; $n =$ same as above) .ltoreq.40, and I ($m = 3$; $n =$
 same as above) .ltoreq.30 wt.%. The **cosmetics** are smoothly
 applied to the skin. **Cosmetic pigments** (TiO₂,
 sericite, Fe oxide, mica, and talc) coated
 with 8:91:1 C₈F₁₇CH₂CH₂OPO(OH)₂, (C₈F₁₇CH₂CH₂O)₂PO₂H, and
 (C₈F₁₇CH₂CH₂O)₃PO 43.5, di-Me siloxane 5.0, (C₆F₁₃CH₂CH₂O)₂PO₂H 3.0,
 perfluoropolyether 45.0, dextrin fatty acid ester 1.0, candelilla wax 2.3,
 BHT 0.1, and perfume were mixed to give an oily **foundation**.

IT 1309-37-1, Red iron oxide,
 miscellaneous 12174-53-7, Sericite 12227-89-3,
 Black iron oxide 13463-67-7,
 Titanium oxide, biological studies 14807-96-6,
 Talc, biological studies 51274-00-1, Yellow
 iron oxide

RL: MSC (Miscellaneous)

(fluoroalkyl phosphate-coated, **cosmetics** contg., water- and
 oil-proofing)

L163 ANSWER 53 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1993:240489 HCAPLUS

DN 118:240489

TI Cosmetics containing titania-coated **mica**

IN Tanaka, Toshihiro; Nishihama, Shuji; Kobayashi, Susumu; Kumagai,
 Shigenori; Kimura, Asa; Suzuki, Fukuji

PA Shiseido Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05043417	A2	19930223	JP 1991-223307	19910808
	JP 3092867	B2	20000925		

AB **Cosmetics** which are used in prior to application of
foundations and other **makeup cosmetics** to
 shade faces, contain titania-coated **mica-type pigments**
 (which do not have **interference** colors) colored with partially
 oxidized Ti. Titania-coated **mica** was heated at 800.degree. for
 4 h under ammonia to give pearly **powders** contg. 5.5 parts (based
 on 100 parts **mica**) titania and 30.6 parts partially oxidized Ti.
 Several **cosmetic** formulations contg. the pearly **pigment**

are disclosed.

- IT 13463-67-7, Titania, biological studies
 RL: BIOL (Biological study)
 (mica coated with partially oxidized titania and, for
cosmetics)
- IT 13463-67-7D, Titania, reduced
 RL: BIOL (Biological study)
 (mica coated with titania and, pearly)

L163 ANSWER 54 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1993:175524 HCAPLUS

DN 118:175524

TI **Cosmetics** containing oil- and water-repellent **powders**

IN Tsuruta, Eiichi; Ikemoto, Takeshi

PA Daito Kasei Kogyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04330007	A2	19921118	JP 1991-33643	19910201
	JP 2509392	B2	19960619		

OS MARPAT 118:175524

AB **Cosmetics** contain mainly extender pigments, white pigments, colorants, other **powders**, and base materials, in which extender pigments, white pigments, and/or colorants are successively treated with .gtoreq. 1 gel selected from metal hydroxides, metal salts hydrates, anhyd. salts and F compds., etc. The F compds. may be (CnH2n+1CH2CH2O)2P(O)OH.HN(CH2CH2OH)2 (I; n = 6-18) and/or CnF2n+1CH2CH2OP(O)(OH)2.2NH(CH2CH2OH)2 (II). Treatment of **powders** with metal compds. and F compds. gives oil- and water-repelling property and prevents caking of **cosmetics**. An aq. soln. of Al2(SO4)3.18H2O and an aq. soln. of Na2SiO3 were successively added to an aq. slurry of sericite; after having been adjusted to pH 7 with an aq. Na2CO3 soln., the mixt. was stirred at 60.degree. for 1 h then filtered. The obtained cake was suspended in H2O and the slurry was treated with an aq. soln. of 1:1 mixt. of I (n = 9) and II (n = 9), adjusted to pH 4, and then stirred at 100.degree., dried, and the pulverized to give **coated sericite**. A **powder foundation** contained the **coated sericite** 54.2, similarly-treated **mica** 8.0, talc 18.0, **TiO2** 11.0, **red Fe oxide** 0.5, **yellow Fe oxide** 1.0, **black Fe oxide** 0.1, lanolin 1.0, liq. paraffin 3.5, iso-Pr myristate 2.0, surfactant 0.5, and antiseptic 0.2 wt.% .

- IT 7727-43-7, Barium sulfate 12174-53-7, Sericite
 13463-67-7, **Titanium oxide**, biological studies
 RL: BIOL (Biological study)
 (**cosmetics** contg., noncaking)

L163 ANSWER 55 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1992:619773 HCAPLUS

DN 117:219773

TI **Makeup cosmetics** containing **titanium oxide-coated mica**

IN Takahashi, Atsushi; Kaneko, Kazue; Kimura, Asa

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04217907	A2	19920807	JP 1991-89909	19910328

JP 3065375 B2 20000717
 PRAI JP 1990-86901 19900330
 AB **Makeup cosmetics** contain **mica** coated with
 rutile-type **TiO₂**. The **cosmetics** show pearly
 appearance and good light- and thermostability. Formulation examples are
 given.
 IT **13463-67-7, Titanium oxide**, biological studies
 RL: BIOL (Biological study)
 (rutile-type, pearly **makeup cosmetics** contg.
mica coated with, stable)

L163 ANSWER 56 OF 85 HCAPLUS COPYRIGHT 2001 ACS
 AN 1992:619746 HCAPLUS
 DN 117:219746
 TI Base **cosmetics** containing pearly substances
 IN Suzuki, Harumi; Kobayashi, Susumu; Kumagai, Shigenori; Tanaka, Toshihiro;
 Tsunoda, Naomi; Miyagawa, Yukie
 PA Shiseido Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04128211	A2	19920428	JP 1990-250640	19900920
	JP 2966913	B2	19991025		

AB Base **cosmetics** contg. pearly-luster colorants are claimed. Use
 of the base **cosmetics** before spreading **foundations**
 makes skin light and clear. An oil-in-water base **cosmetic** was
 prepd. contg. isostearic acid 0.8, stearic acid 1.6, glycerin
 diisostearate 2, vaseline 2, squalane 10, cetyl 2-ethylhexanoate 7, KOH
 0.27, dipropylene glycol 5, glycerin 7, H₂O 55.43, colloidal hydrated
 silicates 0.8, CM-cellulose 0.1, **TiO₂**-coated **mica** 5,
 nylon **powder** 2, talc 1 wt.%, with some perfume and antiseptic.

L163 ANSWER 57 OF 85 HCAPLUS COPYRIGHT 2001 ACS
 AN 1992:598264 HCAPLUS
 DN 117:198264
 TI **Cosmetics** containing silicones
 IN Shoji, Toshinori; Yoshino, Koji
 PA Kao Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04187611	A2	19920706	JP 1990-316165	19901122
	JP 2949369	B2	19990913		

OS MARPAT 117:198264
 AB **Cosmetics** contg. 5-70 wt.% chain silicones with volatile rate
 6.7 .times. 10-5- 5.5 .times. 10-4 g/cm³ at 30.degree. and 5-95 wt.%
 insol. **powders**. The **cosmetics** are stable, and
 suitable for conditioning of the skin. A cake **foundation**
 contained poly(methylhydrogensiloxane) (I)-**coated red**
Fe oxide 1.0, I-**coated yellow**
Fe oxide 2.6, I-**coated black**
Fe oxide 0.5, I-**coated TiO₂** 10.0, I-
coated mica 22.7, SP-500 (nylon **powder**) 10.0,
 Me₃SiO(SiMe₂O)₄SiMe₃ 10.0, Me₃SiO(SiMe₂O)₅SiMe₃ 7.0, dimethylpolysiloxane
 2.0, liq. paraffin 2.0, beeswax 1.0, vaseline 1.0, antiseptic 0.1,
 fragrance 0.1 wt.%, and I-**coated** talc balance.

L163 ANSWER 58 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1992:91152 HCAPLUS
 DN 116:91152
 TI **Cosmetics** containing **powders** treated with fluorine compounds
 IN Waki, Mikio; Tsuruta, Eiichi
 PA Daito Kasei Kogyo Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03246210	A2	19911101	JP 1990-42826	19900223
OS	MARPAT 116:91152				
AB	Cosmetics contain extenders, powders , and pigments as main ingredients, at least one of which is coated with F compds. The cosmetics are caking-free. Fluoroalkyl phosphate di(hydroxyethyl)amine salt- coated powders (sericite 24.75, talc 15.0, TiO2 2.0, mica titanium 29.75, mica 16.5, yellow iron oxide 3.0, red iron oxide 1.0, and black iron oxide 1.0), liq. paraffin 3.5, Me polysiloxane 3.5, and antiseptics to 100 wt. parts were mixed to give an eye shadow.				
IT	12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide, miscellaneous 14807-96-6, Talc, miscellaneous 51274-00-1, Yellow iron oxide RL: BIOL (Biological study) (coated with fluoroalkyl di(hydroxyethyl)amine phosphate, cosmetics contg., caking-free)				
IT	1309-37-1, Red iron oxide, miscellaneous RL: MSC (Miscellaneous) (coated with fluoroalkyl di(hydroxyethyl)amine phosphate, cosmetics contg., caking-free)				

L163 ANSWER 59 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1991:614547 HCAPLUS
 DN 115:214547
 TI **Cosmetic makeups** containing composite **powders**
 IN Myoshi, Ryota; Imai, Isao; Sato, Kazuo
 PA Miyoshi Kasei Y. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03181411	A2	19910807	JP 1989-321189	19891211
AB	A composite powder prepd. by coating inorg. powder (av. particle diam. 1-20 .mu.m) with pigments (av. diam. 0.1-1.0 .mu.m) is useful as a cosmetic makeup for controlling facial wrinkles. The pigments are TiO2 , ZnO, or zirconia, whereas the inorg. powder is selected from the group comprising talc, CaCO3, clay, zeolite, sericite, mica, and kaolin. For example, mica coated with ZnO was prepd.				
IT	1314-13-2, Zinc oxide, biological studies 13463-67-7, Titania, biological studies RL: BIOL (Biological study) (as pigment, inorg. powder coating with, for cosmetic makeups)				
IT	12174-53-7, Sericite 14807-96-6, Talc (Mg3H2(SiO3)4), biological studies RL: BIOL (Biological study)				

(particles, pigment coating of, for **cosmetic makeups**
)

L163 ANSWER 60 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1991:589484 HCAPLUS

DN 115:189484

TI **Cosmetics** containing N-acylaspartate-coated pigments

IN Tsugita, Akira

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03024008	A2	19910201	JP 1989-160451	19890622
	JP 2746416	B2	19980506		
OS	MARPAT 115:189484				
AB	<p>Finishing cosmetics contain pigments coated with RCONHCH(CO₂M)CH₂CO₂M (RCO = caprinoyl, lauroyl, myristoyl, palmitoyl, stearoyl, oleoyl; M = H, Mg, Ca, Co, Zn, Al, Ti, Fe, Zr). The cosmetics have good storage stability, water-resistance, and affinity to the skin. Mica (1 kg) was treated with 20 g mono-Na N-stearoyl-L-aspartate and 100 mL 5% aq. Al₂(SO₄)₃ soln. in H₂O to give Al N-stearoyl-L-aspartate (I)-coated mica. I-coated mica 48.0, I-coated talc 20.0, I-coated Ti-mica 2.0, I-coated TiO₂ 13.5, I-coated red Fe oxide 1.0, I-coated yellow Fe oxide 2.5, I-coated black Fe oxide 0.3, I-coated ultramarine 0.2, liq. paraffin 3.0, squalane 5.0, siloxane 2.0, sorbitan monooleate 2.0, antiseptic agent 0.2, and perfume 0.3 part were mixed, pulverized, and pressured to give a powder foundation.</p>				
IT	<p>1309-37-1, Red iron oxide, biological studies 12174-53-7, Sericite 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide, biological studies 14807-96-6, Talc, biological studies 51274-00-1, Yellow iron oxide 57455-37-5, C.I. Pigment Blue 29 RL: BIOL (Biological study) (N-acyl aspartate-coated, cosmetics contg.)</p>				

L163 ANSWER 61 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1991:566402 HCAPLUS

DN 115:166402

TI **Powdery cosmetics** containing UV-shielding agent-treated globular cellulose

IN Kurisaki, Hideo; Ishibashi, Hiroaki

PA Chisso Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03099008	A2	19910424	JP 1989-237547	19890913
AB	<p>Powdery cosmetics contain globular cellulose powder, which is coated, impregnated, or chem.-bound with UV-shielding agents and/or UV-absorbers. The powdery cosmetics have no waxy appearance and give no irritation to the skin. A compn. contg. Celluflow C-25 (porous cellulose powder) 20.0, P-25 (TiO₂) (which was previously added to the pore of cellulose) 5.0, mica 43.58, talc 10.0, Na hyaluronate 1.0, Fe</p>				

oxide 8.5, lanolin 5.0, liq. paraffin 5.0, sorbitan sesquioleate 1.0, ethylparaben 0.4, butylhydroxyanisole 0.02, and fragrance 0.5 wt.% was made into a pressed **foundation**.

IT **1314-13-2, Zinc oxide**, uses and miscellaneous

13463-67-7, Titania, uses and miscellaneous

RL: USES (Uses)

(as UV shield, **powdery cosmetics** contg. globular cellulose **powder** treated with)

L163 ANSWER 62 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1990:204489 HCAPLUS

DN 112:204489

TI **Powder cosmetics** containing moisture-retaining polymers and spherical cellulose **powder**

IN Kurisaki, Hideo; Nishikawa, Masahiko

PA Chisso Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01313413	A2	19891218	JP 1988-144364	19880611
	JP 2627642	B2	19970709		
	US 5024831	A	19910618	US 1989-431249	19891103

PRAI JP 1988-144364 19880611

AB **Powder cosmetics** contain spherical cellulose **powder coated**, impregnated, or bound with .gtoreq.1 moisture-retaining polymers. Na hyaluronate (1.0 wt.%) was put in pores of 20.0 wt.% Cellulflow C-25 (spherical cellulose **powder**), mixed with mica 46.58, talc 10.0, **TiO2** 7.0, iron **oxides** 3.5, lanolin 5.0, liq. paraffin 5.0, sorbitan sesquioleate 1.0, ethylparaben 0.4, butylhydroxyanisole 0.02, and fragrance 0.5 wt.%, pulverized, and formed to prep. a pressed **foundation**, which was well applied to the skin.

L163 ANSWER 63 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1990:204486 HCAPLUS

DN 112:204486

TI **Makeup cosmetics** containing silicone waxes

IN Hatao, Masato; Nanba, Tomyuki; Ikeda, Toshihide; Minami, Koji

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

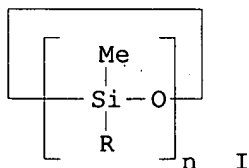
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01294612	A2	19891128	JP 1988-123409	19880520
OS	MARPAT 112:204486				
GI					



AB **Makeup cosmetics** contain .gtoreq.1 silicone waxes I (R = C16-30 alkyl, Ph; R may be different in each structure unit; n = 3-7).

The **cosmetics** are durable, spread easily, and non-sticky.
 1,3,5,7-Tetramethylcyclotetrasiloxane was treated with Dialen (1-eicosene) and chloroplatinic acid in toluene under reflux for 3 h to give 96% 1,3,5,7-tetramethyl-1,3,5,7-tetraeicosylcyclotetrasiloxane, which (10.0 wt.%) was mixed with polyethylene wax 1.0, ceresin 6.0, liq. paraffin 25.0, glycerin di-2-heptylundecanoate 35.0, olive oil 11.0, **red iron oxide** 0.2, Red No. 202 1.8, **Ti-coated mica** 10.0 wt.% and fragrance to give a lipstick.

L163 ANSWER 64 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1990:42254 HCAPLUS

DN 112:42254

TI Sunscreen **cosmetics** containing organic **powders** coated with **zinc oxide**

IN Nakane, Toshihiko; Nanba, Tomyuki; Kumagai, Shigenori; Tanaka, Toshihiro; Suetsugu, Masaru

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01190625	A2	19890731	JP 1988-14279	19880125
	JP 2628058	B2	19970709		

AB Sunscreen **cosmetics** contain org. **powders** (av. .ltoreq.1 .mu.m particle size) coated with ZnO and optionally with .gtoreq.1 other **powders**. The org. **powders** show good UV light-scattering effects. ZnO (100 g, av. diam. 0.1 .mu.m) was treated with 900 g spherical nylon **powder** (av. diam. 0.9 .mu.m) for 10 h to give 10% ZnO-coated nylon **powder**, which (20.0 wt.%) was mixed with silicone-treated **mica** 40.0, silicone-treated talc 20.45, silicone-treated **iron oxide** 7.5, trimethylolpropane triisostearate 5.0, squalane 3.0, beeswax 2.0, sorbitan trioleate 1.0, propylparaben 0.5, vitamin E 0.05, and fragrance 0.5 wt.% to give a sunscreen **foundation**.

IT 1314-13-2, **Zinc oxide**, biological studies

RL: BIOL (Biological study)

(sunscreen **cosmetics** contg. org. **powders** coated with)

L163 ANSWER 65 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1989:619122 HCAPLUS

DN 111:219122

TI Sunscreen **cosmetics** containing finely granulated metal oxides and metal oxide filaments

IN Tanaka, Toshihiro; Kumagai, Shigenori; Yokoyama, Hiroyuki

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01143821	A2	19890606	JP 1987-302793	19871130

AB Sunscreen **cosmetics** contain finely granulated metal **oxides** uniformly dispersed in other (complex) metal **oxide** filaments. The **cosmetics** are not sticky and are smoothly applied to the skin. (BuO)4Si (574 parts) was mixed with 100 parts **TiO2** in BuOH, coated on a plate, burned at 100-900.degree. for 11 h, pulverized, and sieved to give a composite **powder** contg. 50:50 wt.% filament SiO2 and finely granulated **TiO2**. A **powder foundation** comprised talc 20, the composite **powder** 20, ZnO 2, Fe **oxides** 2, di-Me

polysiloxane 4, squalane 5, diisostearyl malate 3, sorbitan sesquioleate 1, an antiseptic agent, perfume, and mica to 100% by wt.

IT **1332-37-2**, Iron oxide, biological studies

RL: BIOL (Biological study)

(sunscreen **cosmetics** contg.)

IT **1314-13-2**, Zinc oxide (ZnO), biological

studies **13463-67-7**, Titanium dioxide,

biological studies

RL: BIOL (Biological study)

(sunscreen **cosmetics** contg. metal oxide and)

L163 ANSWER 66 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1989:483891 HCAPLUS

DN 111:83891

TI **Powdery make-up cosmetic** base

coated with higher alcohols and dipentaerythritol fatty acid esters and/or lanolin

IN Ogiwara, Takeshi; Shimizu, Ikuko

PA Kobayashi Kose Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 64003108	A2	19890106	JP 1987-156303	19870623
	JP 07098732	B4	19951025		

AB **Powdery make-up cosmetics** contain

powder base for **cosmetics** coated with higher

alcs., which are solid at normal temp., and dipentaerythritol (I) fatty acid esters and/or lanolin. The **powdery cosmetics**

show improved fluidity and water-repellency and have good adhesion to

skin. **Mica** (98.0 parts) was mixed with a soln. of 1.0 part

stearyl alc. and 1.0 part mixed ester of I with 4:1.5:0.5 (mol ratio based on mol I) mixt. of 12-hydroxystearic acid, stearic acid, and resin acid in 100 parts Me2CHOH and dried. The adhesiveness of the **coated**

powder to skin was good. An eye shadow was prepd. from talc

80.98, **mica** Ti 10.0, **TiO2** 5.0, Japan blue no. 404

0.01, **black Fe oxide** 0.01, stearyl alc. 1.0,

I fatty acid ester (same as the above) 3.0, EtOH 2.0, and flon 113 25.0 wt%.

IT **14807-96-6**, Talc, biological studies

RL: BIOL (Biological study)

(pentaerythritol fatty acid ester-coated, **powdery makeup cosmetic** base contg.)

L163 ANSWER 67 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1989:179268 HCAPLUS

DN 110:179268

TI **Cosmetic makeups** containing nonpearly-mica

-titanium pigments

IN Kawai, Mitsuo; Yamada, Hiroyuki; Yoneyama, Yoshihisa; Yasuki, Takashi;

Tanimoto, Norihiro; Ikeda, Mutsumi

PA Pola Chemical Industries, Inc., Japan; Teikoku Chemical Industry Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63159476	A2	19880702	JP 1986-307501	19861223
	JP 2559037	B2	19961127		

AB A nonpearly **mica** Ti pigment and **makeups** contg. it are prepd. for **cosmetic makeups**. **Mica** (or

mica suspension) and titanyl sulfate ($\text{H}_2\text{SO}_4/\text{TiO}_2 = 1.5-5.5$) or its soln. were mixed such that the titanyl sulfate concn. was .gtoreq.50 g/L and **mica**/titanyl sulfate = 0.01-4.0 (wt. ratio); the mixt. was heated to the b.p., hydrolyzed to ppt. $\text{TiO}_2 \cdot \text{H}_2\text{O}$ on the surface of **mica**, neutralized with an alkali, and a solid material produced was isolated and fired to give a nonpearly **mica**-titanium pigment. An oily **cosmetic foundation** contg. this pigment 32% by wt. was described.

IT 13463-67-7, **Titanium dioxide**, biological studies

RL: BIOL (Biological study)

(**cosmetic makeups** contg. **mica** coated with)

L163 ANSWER 68 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1989:141276 HCAPLUS

DN 110:141276

TI **Cosmetics** containing inorganic **powders** coated with minute particles

IN Hosokawa, Masuo; Yukimitsu, Keiichiro

PA Hosokawa Micron Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63126813	A2	19880530	JP 1986-272691	19861113
	JP 04062291	B4	19921005		

AB Porous spherical particles (diam. 0.2-30.0 μm) are impregnated with a perfume, mixed with a **cosmetic** soln. and oils and **coated** with at least one compd. selected from the group consisting of **TiO₂**, **Fe oxide**, **mica**, **titanium mica**, kaolin, talc, carbon black, **ultramarine** blue. The spherical particles are silicic acid, Ca silicate, boric acid, **TiO₂**, and other metal **oxides**. **Cosmetics** contg. these **powders** have better quality of colors as compared to conventional **cosmetics** and spread smoothly on the skin. Thus, a **cosmetic foundation** was prepd. consisting of (1) a mixt. of porous particles (diam. 0.2-20 μm ; **mica** 50, silica 40, and **TiO₂** 10 parts by wt., (2) **TiO₂** (diam. 0.015 μm), (3) **Fe oxide** (diam. 0.04-0.06 μm), (4) a **cosmetic** oil (isostearic acid), and (5) a perfume, and ratio of these was 74.93, 20.0, 3.0, 1.0, and 0.03%, resp.

IT 13463-67-7, **Titanium dioxide**, biological studies 14807-96-6, Talc, uses and miscellaneous 57455-37-5, **Ultramarine** Blue 1332-37-2, Iron oxide, uses and miscellaneous

RL: BIOL (Biological study)

(coating of **cosmetic powder** with)

L163 ANSWER 69 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1989:121041 HCAPLUS

DN 110:121041

TI **Cosmetics** containing spherical **mica** particles

IN Hosokawa, Masuo; Yukimitsu, Keiichiro

PA Hosokawa Funtai Kogaku Kenkyusho, Japan

SO Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63023810	A2	19880201	JP 1986-167137	19860716

JP 04062289 B4 19921005
 AB **Cosmetics** which spread smoothly over the skin contain small spherical particles produced by binding ultrafine **mica** particles (0.2-0.02 .mu.m) (**TiO2-coated mica**, **Fe oxide-coated mica**, and **mica**). Thus, a **powd. foundation** was prepd. consisting of spherical **mica** (av. diam. 6 .mu.m) 45, Super micro **mica** 33, a dye paste 8, isostearyl alc. 10, cyclodextrin 3.5, and a perfume 0.5% by wt.
 IT 1332-37-2, **Iron oxide**, biological studies
 13463-67-7, **Titanium dioxide**, biological studies
 RL: BIOL (Biological study)
 (mica particles coated with, for cosmetics)

L163 ANSWER 70 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1988:555974 HCAPLUS

DN 109:155974

TI **Cosmetics** containing inorganic particles coated with ultrafine particles

IN Hosokawa, Masuo; Yukimitsu, Keichiro

PA Hosokawa Micron Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63093707	A2	19880425	JP 1986-241080	19861008
AB	The surface of spherical inorg. particles, such as silica, Al silicate, ZnO ₂ , etc., are coated with fine particles of metal oxides, mica minerals, etc. to give hydrophilic cosmetics with luster that may be applied smoothly to the skin. Thus, a powd. foundation was prepd. by combining Ti silicate (av. diam. 2 .mu.m) 45, Super Micro mica (av. diam. 0.7 .mu.m) 33, a pigment paste 8, isostearyl alc. 10, cyclodextrin 3.5, and a perfume 0.5% by wt.				
IT	1314-13-2, Zinc oxide , biological studies 13463-67-7, Titanium dioxide , biological studies RL: BIOL (Biological study) (mica-coated, powd., hydrophilic cosmetics contg.)				
IT	1332-37-2, Iron oxide , biological studies 7727-43-7, Barium sulfate 11118-57-3, Chromium oxide 14807-96-6, Talc, biological studies RL: BIOL (Biological study) (powd., hydrophilic cosmetics contg.)				

L163 ANSWER 71 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1988:515870 HCAPLUS

DN 109:115870

TI **Cosmetic makeups** containing silica-coated **titanium dioxide**

IN Tokuda, Junichi; Goto, Mitsuo; Yokoyama, Hiroshi

PA Kobayashi Kose Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63044510	A2	19880225	JP 1986-187990	19860811
	JP 07047526	B4	19950524		

AB A **cosmetic makeup** contains spherical **TiO₂** particles **coated** with amorphous silica. The av. diam. of the **coated** particles is 0.5-50 .mu.m, and the amt. of silica in the product is 5-50% by wt. These particles are readily picked up by an applicator from the **makeup** cake, and smoothly applied to the skin. Thus, a pressed **powder foundation** was prepd. consisting of silica-coated **TiO₂** (av. diam. 5 .mu.m, silica content 8%) 15.0, mica 60.0, talc 10.0, bengara 0.8, **yellow iron oxide** 2.0, **black iron oxide** 0.2, vaseline 3.0, beeswax 0.5, squalane 5.5, silicone oil 2.0, and a perfume 1.0 % by wt.

IT **13463-67-7, Titanium dioxide**, biological studies
 RL: BIOL (Biological study)
 (silica-coated, **cosmetic makeups** contg.)

L163 ANSWER 72 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:623068 HCAPLUS

DN 107:223068

TI **Cosmetics** containing **titanium dioxide powder**

IN Okabe, Shinya; Kawai, Mitsuo; Uramoto, Tadamitsu; Horino, Masaaki

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62181211	A2	19870808	JP 1986-24670	19860206
	JP 06096494	B4	19941130		

AB **Cosmetic makeups** contain 2-75% by wt. **TiO₂ powder** (diam. 0.2-30.0 .mu.m) which is adherent and readily applied to the skin. Thus, a solid **foundation** contained liq. paraffin 13.0, iso-Pr myristate 0.5, sorbitan monooleate 0.3, dimethylpolysiloxane 3.0, a perfume 0.2, glycerin 1.0, **yellow iron oxide** 2.0, **red oxide** 0.4, **Ultramarine Blue** 0.1, **TiO₂** 40.0, **silicone-coated sericite** 20.0, talc 14.0, a silk **powder** 4.0, and Ti mica 1.0 part by wt.

IT **13463-67-7, Titanium dioxide**, biological studies
 RL: BIOL (Biological study)
 (powd., **cosmetic makeups** contg.)

L163 ANSWER 73 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:604953 HCAPLUS

DN 107:204953

TI **Cosmetics** containing particles coated with iron oxide pigments

IN Seki, Toichi; Kaneda, Yasuo; Horino, Masaaki

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62174002	A2	19870730	JP 1986-13362	19860124

AB **Cosmetics** contain dark pigments prepd. by **coating** inorg. and/or org. particles with metallic **oxides** and Fe₃O₄. The inorg. particles may be pearly dyes. These **cosmetics** are safe, stable, and uniformly and smoothly applied to the skin. A pigment consisting of **TiO₂** 13.1, mica 19.6, FeO(OH) 2.0, and Fe₃O₄ 65.3% by wt. was prepd. by treating **TiO₂-coated**

mica with a Na₂CO₃ soln., followed by a Fe₂SO₄ soln., with air introduced into the suspension, subsequently, replacing the air with N, treating the particles in succession with an NH₃ soln., KNO₃, FeSO₄, and concd. H₂SO₄ solns. An eye liner was prepd. contg. 50% by wt. of this pigment.

- IT 13463-67-7, **Titanium dioxide**, biological studies 14807-96-6, Talc, biological studies
 RL: BIOL (Biological study)
 (cosmetics contg. iron oxide-coated)
- IT 1309-37-1, Ferric oxide, biological studies 1317-61-9, biological studies
 RL: BIOL (Biological study)
 (talc coated with, for cosmetics)

L163 ANSWER 74 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:162418 HCAPLUS

DN 106:162418

TI **Cosmetics** containing **mica** coated with metal oxides and hydroxides

IN Suzuki, Fukuji; Bankin, Wayoko; Hachiman, Yoshio; Kumagai, Shigenori

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62016408	A2	19870124	JP 1985-153659	19850712
AB	A cosmetic contains mica uniformly coated 5-30 nm thick with at least one compd. selected from the group consisting of metal oxides (TiO ₂ , ZnO, and iron oxide) and metal hydroxides [Ti(OH) ₃ , Zn(OH) ₂ , iron hydroxide]. It covers skin stains and freckles. Thus, a foundation was prepd. consisting of TiO ₂ 10, talc 5, kaolin 3, TiO ₂ -coated mica 12.7, red iron oxide-coated mica 5, TiO ₂ - and yellow iron oxide-coated mica 3.5, block iron oxide-coated mica 0.5, squalane 39, iso-Pr myristate 15, sorbitan sesquioleate 1, waxes 5.3% by wt., and perfume g.s.				

- IT 1309-37-1, **Red iron oxide**, uses and miscellaneous 1314-13-2, **Zinc oxide**, uses and miscellaneous 12227-89-3, **Black iron oxide** 13463-67-7, **Titanium dioxide**, uses and miscellaneous 51274-00-1, **Yellow iron oxide**
 RL: BIOL (Biological study)
 (mica coated with, cosmetics contg.)

L163 ANSWER 75 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:162396 HCAPLUS

DN 106:162396

TI **Cosmetic makeup** containing inorganic pigment particles coated with anionic polymer salts

IN Fukushima, Takashi; Tsugita, Akira; Murase, Minako

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61286310	A2	19861216	JP 1985-126794	19850610
AB	A cosmetic makeup contains pigment particles				

coated with anionic polymer polyvalent metal salts. It is safe, applied smoothly and firmly to the skin, and long-lasting compn. Thus, talc, mica, and TiO₂ were **coated** with Ca alginate, Ca poly(acrylic acid), and Mg poly(acrylic acid), resp. A **powd. foundation** was prepd. consisting of Ca alginate-**coated** talc 18, Ca polyacrylate-**coated** mica 45, and Mg polyacrylate-**coated** TiO₂ 15, iron oxide 4, nylon **powder** 5, squalane 9, and Vaseline 4 parts by wt.

IT 12174-53-7, Sericite 13463-67-7, Titanium dioxide, biological studies 14807-96-6, Talc, biological studies
RL: BIOL (Biological study)
(cosmetic makeups contg. polymer-coated)

L163 ANSWER 76 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:125713 HCAPLUS

DN 106:125713

TI Zinc oxide or zinc carbonate microparticle-coated powders for cosmetic makeup manufacture

IN Muto, Shigeharu

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61257909	A2	19861115	JP 1985-97876	19850510
	JP 03074641	B4	19911127		
AB	Org. or inorg. powders are coated with ZnO or ZnCO ₃ microparticles having sp. surface area of 15-100 m ² /g for the manuf. of cosmetic makeups (foundations, eye shadows, etc.). The cosmetics are compatible on the skin and phys. stable. Thus, a mica powder was coated with 5% ZnO microparticles. A rouge was prepd. contg. ZnO microparticle-coated mica powder 56.5, ZnCO ₃ microparticle-coated talc powder 30.0, ZnCO ₃ microparticle-coated red iron oxide powder 1, ZnCO ₃ microparticle-coated red color no. 226 powder 2, squalane 3, olive oil 2, lanolin 5, ethylparaffin 0.3, and perfumes 0.2 parts.				

IT 1309-37-1, Red iron oxide, biological studies 12227-89-3, Black iron oxide 14807-96-6, Talc, biological studies 51274-00-1, Yellow iron oxide

RL: BIOL (Biological study)

(powder, zinc compd. microparticle-coated, for cosmetic makeup manuf.)

IT 1314-13-2, Zinc oxide, biological studies

RL: BIOL (Biological study)

(powders coated with, for cosmetic makeup manuf.)

L163 ANSWER 77 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:125712 HCAPLUS

DN 106:125712

TI Coated spherical powders for cosmetic makeup manufacture

IN Hachiman, Yoshio; Nakane, Toshihiko; Kumagai, Shigenori; Yokoyama, Hiroyuki

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61257908	A2	19861115	JP 1985-95395	19850507
	JP 06096495	B4	19941130		
AB	Org. or inorg. spheres (av. particle size 1-100 .mu.m) are pressure-coated with a org., inorg., or metal powder having av. particle size of 0.2-20 .mu.m to form a spherical powder for the manuf. of cosmetic makeups (foundations, lipsticks, eye liners, eyebrow pencils) with improved phys. properties (sliding friction, spreading capacity, etc.). Thus, nylon 12 spheres (av. particle size 6.6 .mu.m) were coated with a TiO2 powder (particle size 0.2 .mu.m). An oily foundation was prepd. contg. the nylon spheres 7, TiO2 6, kaolin 12, white mica 23.7, red iron oxide 1, yellow iron oxide 0.7, black iron oxide 0.1, squalane 27, cetyl 2-ethylhexanoate 16, sorbitan sesquioleate 1, aristo wax (sic) 4, carnauba wax 1.3, and perfumes 0.2%.				
IT	1309-37-1, Red iron oxide, biological studies RL: BIOL (Biological study) (cellulose spheres coated with, for cosmetic makeup manuf.)				
IT	13463-67-7, Titanium oxide, biological studies RL: BIOL (Biological study) (nylon or polyethylene spheres coated with, for cosmetic makeup manuf.)				
IT	12227-89-3, Black iron oxide RL: BIOL (Biological study) (silica spheres coated with Berlin Blue and, for cosmetic makeup manuf.)				

L163 ANSWER 78 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1987:38243 HCAPLUS

DN 106:38243

TI **Cosmetic makeups** containing resin particles coated with inorganic compounds

IN Hachiman, Yoshio; Kumagai, Shigenori; Yokoyama, Hiroyuki; Nakane, Toshihiko; Okunuki, Yutaka

PA Shiseido Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61194010	A2	19860828	JP 1985-33970	19850222
	JP 07023287	B4	19950315		
AB	Makeup compns. contain resin particles (av. diam. 1-100 .mu.m) coated with smaller inorg. particles (av. diam. 0.01-5.0 .mu.m). These compns. are uniform and easily applied to the skin. Thus, a foundation was prepd. consisting of 40% TiO2-coated cellulose 15, silicone-treated mica 40, silicone-treated talc 20.45, silicone-treated iron oxide 6.5, TiO2 5, trimethylolpropane triisostearate 5, squalane 3, beeswax 2, sorbitan trioleate 1, a preservative 0.5, vitamin E 0.05, butylmethoxybenzoylmethane 1.0, and a perfume 0.5 % by wt.				
IT	11118-57-3, Chromium oxide 12227-89-3, Black iron oxide 13463-67-7, Titanium oxide, uses and miscellaneous 14807-96-6, Talc, uses and miscellaneous 51274-00-1, Yellow iron oxide 57455-37-5, Ultramarine blue 1309-37-1, Red iron oxide, uses and				

miscellaneous 1314-13-2, Zinc oxide, uses
and miscellaneous 7727-43-7, Barium sulfate
RL: BIOL (Biological study)
(resin particles coated with, **cosmetic makeups**
contg.)

L163 ANSWER 79 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1986:539438 HCAPLUS

DN 105:139438

TI Stabilization of ascorbic acid esters in nonaqueous **powder cosmetics**

IN Okuyama, Genichiro; Shinho, Shoichi; Shimoyama, Ju

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61130206	A2	19860618	JP 1984-252886	19841130
AB	Ascorbic acid esters in a nonaq. powder cosmetics are stabilized by sealing the prepn. in an O-nonpermeable bag contg. an O-absorbing agent. Thus, a powder foundation contg. talc 10, TiO2 30, mica 30, perfumes 0.5, ascorbic acid monostearate 3, yellow iron oxide 10, red iron oxide 4, ZnO 2.5, squalane 2, liq. paraffin 4, and candelilla wax 4 parts was sealed in a laminated Vinylone-poly(vinylidene chloride) film bag contg. metal halide-coated Fe powder as O-absorbing agent. The ascorbic acid monostearate activity remained almost unchanged after a 3-mo storage.				

L163 ANSWER 80 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1986:429817 HCAPLUS

DN 105:29817

TI Skin **cosmetics** containing polyacrylate-coated coloring materials

IN Nakamura, Tadao; Iyanagi, Koichi; Takasuka, Yutaka

PA Pola Chemical Industries, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61069708	A2	19860410	JP 1984-192234	19840913
	JP 05076444	B4	19931022		
AB	Coloring materials (talc, kaolin, mica , sericite) are coated with at least 1 polyacrylate to form a transparent and brilliant color for manuf. of skin cosmetics . Thus, talc was coated with poly(Me methacrylate) [ratio of talc: poly(Me methacrylate) = 8:5]. A cream foundation was prepd. contg. stearic acid 1.0, glycerol monooleate 1.0, cetyl alc. 2.5, liq. paraffin 12.0, polyoxyethylene hydrogenated castor oil derivs. 0.5, the coloring agent 11.0, TiO2 3.0, Indian red 1.01, yellow iron oxide 2.0, black iron oxide 1.0, propylene glycol 5.0, 1% NaOH 13.69, H2O 46.2, and Bu p-hydroxybenzoate 0.2 part.				

IT 1318-94-1 14807-96-6, biological studies

RL: BIOL (Biological study)

(polyacrylate-coated, as coloring material, for skin **cosmetics**)

L163 ANSWER 81 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1986:429816 HCAPLUS

DN 105:29816

TI **Cosmetic makeups** containing collagen or its derivatives
 IN Mitani, Hiroaki; Shibata, Yoshinori; Odawara, Ryuzo
 PA Sansei Pharmaceutical Co., Ltd., Japan; Kyoei Chemical Industry Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61069710	A2	19860410	JP 1984-193499	19840913
	JP 01013686	B4	19890307		

AB **Cosmetic powders** are **coated** with collagen and (or) its derivs. and dried at <37.degree. to give collagen-coated powders for use in manuf. of skin cosmetics. The preps. show high affinity to the skin and give a soft feeling. Thus, a **powder** cake comprised collagen-coated TiO2 powder (particle size 3-5 .mu.m) 8, collagen-coated nylon powder 6, collagen-coated mica 20, collagen-coated sericite 37, Zn stearate 5, silicone 20, **yellow iron oxide** 2.42, Indian red 1.0, **black iron oxide** 0.26 g, preservatives, and perfumes.

IT **1318-94-1 13463-67-7**, biological studies
14807-96-6, biological studies
 RL: BIOL (Biological study)
 (powder, collagen-coated, for skin cosmetics)

L163 ANSWER 82 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1985:100624 HCAPLUS

DN 102:100624

TI **Cake-type make-ups**

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59196808	A2	19841108	JP 1983-71959	19830422
	JP 04046242	B4	19920729		

AB **Cake-type make-ups** comprise dyes **coated** with N-acylglutamic acid aluminum salts, dyes **coated** with fibroins, and oily substances. The aluminum salts are [RCONHCH(CH2CH2CO2H)CO2]3Al where R = C11-17 alkyl, alkenyl, or OH-contg. alkenyl groups. These **make-ups** are stable against temp. changes. Thus, a **make-up** comprises aluminum N-stearoylglutamate [94955-65-4]-**coated** talc 29, **mica** 15, **TiO2** 8, Rouge (iron **oxide**) [1309-37-1] (Fe2O3) 1.5, iron **oxide** yellow [51274-00-1] 3.6, iron **oxide** black [1317-61-9] 0.4 parts, and fibroin-coated **TiO2** 18 and talc 14 parts plus 10 parts liq. paraffin and 0.5 part perfume.

IT **1309-37-1**, biological studies **1317-61-9**, biological studies **1318-94-1 13463-67-7**, biological studies **14807-96-6**, biological studies **51274-00-1 57455-37-5**
 RL: BIOL (Biological study)
 (aluminum stearoylglutamate-coated, **cosmetic makeups** contg.)

L163 ANSWER 83 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1983:458742 HCAPLUS

DN 99:58742

TI **Cosmetics** containing N-acylamino acid salts
 PA Sanko Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58072512	A2	19830430	JP 1981-171110	19811026
	JP 01050202	B4	19891027		
	US 4606914	A	19860819	US 1982-428811	19820930
PRAI	JP 1981-171110		19811026		

AB **Cosmetics** contain the N-acylamino acid salts
 RCONHCH(CO₂M)(CH₂)₂CO₂M, RCONMe(CH₂)₂CO₂M or RCONMeCH₂CO₂M (RCO = capric acid, lauric acid, myristic acid, palmitic acid, stearic acid or oleic acid residue; M = H, Al, Mg, Ca, Zn, Zr or Ti) or the compd.-
coated colors. Unlike conventional **cosmetics** contg.
 metal soaps, these prepns. are nontoxic, stable and effective in
 protecting the skin. Thus, sericite, mica, talc, kaolin,
 TiO₂, iron oxide (yellow) and Indian red were mixed and
 suspended in H₂O, followed by addn. of N-stearoyl-N-methyl-.beta.-alanine
 Na salt [21539-76-4], 15% ZnSO₄ and liq. paraffin. The reaction mixt.
 was centrifuged to give a paste (color). A **foundation** was
 prepd. contg. the color 10.0, liq. paraffin 3.5, squalane 5.0, stearyl
 alc. 3.0, lanolin 1.0, surfactants 1.5, preservative 0.2, propylene glycol
 5.0, ion-exchanged H₂O 40.0 and perfumes 0.8 part.

L163 ANSWER 84 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1980:453795 HCAPLUS

DN 93:53795

TI Oil-containing **cosmetic powders**

IN Nasuno, Toshihiro; Sano, Isao; Nomura, Fuminori; Kumagai, Shoji

PA Kanebo, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55027120	A2	19800227	JP 1978-98777	19780814
	JP 62003123	B4	19870123		

AB **Cosmetic** compns. of oil-contg. **powders** contained
powd. silk, **powd.** wool, and **cosmetic** base
powder coated with an oil substance to form a
powd. emulsion or cake. Thus, a mixt. of stearic acid 3, liq.
 paraffin 6, beeswax 1.5, and lanolin 3 parts was melted at 80.degree., 0.7
 part triethanolamine and 85.1 parts H₂O added to make an emulsion, to
 which were added talc [14807-96-6] 83, mica
 [12001-26-2] 10, TiO₂ 5, **powd.** silk 5, **powd.**
 wool 5, and Fe oxide 2 parts, the mixt. stirred to give a
 homogeneous dispersion, 80 parts EtOH added to break the emulsion, the
 liq. removed by filtration, the solid dried at 80-90.degree. and
 pulverized to give a **makeup foundation** contg. 12.5%
 oil substance and 1.9% emulsifying agent.

IT 1332-37-2, biological studies 13463-67-7, biological
 studies 14807-96-6, biological studies

RL: BIOL (Biological study)

(**cosmetic powd.** bases contg.)

L163 ANSWER 85 OF 85 HCAPLUS COPYRIGHT 2001 ACS

AN 1978:24330 HCAPLUS

DN 88:24330

TI Composite pigment

IN Horino, Masaaki; Osato, Yasuhar

PA Chemical Industry Co., Ltd., Japan
 SO Japan. Kokai, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52097399	A2	19770816	JP 1976-14309	19760212
	JP 60005623	B4	19850213		
AB	Oxidized mica and metal oxide(s) are mixed and sintered, and optionally coated further with .gtoreq.1 of water-insol. and alc.- insol. resins and water-insol. cellulose, to give pigments useful for makeup and paint. Thus, powd. muscovite [1318-94-1] was treated with 3% HNO3 at 50.degree. for 40 min., washed with water, dried, mixed with a 6:4 mixt. of Cr2O3 and Fe2O3 in a 65:35 ratio, and sintered at 300.degree. for 10 hs. in a reducing atm. to give a pigment with a green glossy color.				
IT	1318-94-1 RL: USES (Uses) (composite pigments contg. metal oxides and, for cosmetics and paint)				
IT	1309-37-1, uses and miscellaneous RL: USES (Uses) (composite pigments contg. muscovite and chromic oxide and, for cosmetics and paint)				
IT	11118-57-3 RL: USES (Uses) (composite pigments contg. muscovite and ferric oxide and, for cosmetics and paints)				

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L165 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS
 RN 10043-11-5 REGISTRY
 CN Boron nitride (BN) (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN BN 40SHP
 CN BN-GP
 CN BN-MOD
 CN Borazon
 CN Boron mononitride
 CN Boron nitride
 CN Boronate FS 1
 CN BZN 550
 CN Cerac B 1084
 CN Denka Boron Nitride GP
 CN Denka Boron Nitride HGP
 CN Denka Boron Nitride SGP
 CN Denka Boron Nitride SP 2
 CN Elbor
 CN Elbor LO 10B1-100
 CN Elbor R
 CN Elbor RM
 CN Elboron
 CN FS 1
 CN FS 1 (nitride)
 CN Geksanit R
 CN GP
 CN HCJ 48
 CN Hexanit R
 CN Hexanite R
 CN High Flow FMX 1
 CN HP 1

CN HP 1 (nitride)
CN HP 2
CN HP 2 (nitride)
CN HP 6
CN HP 6 (nitride)
CN HP-P 1
CN HP-P 1 (nitride)
CN HTP-FK
CN KBN(h)-SR
CN KBN-H 10
CN KBN-H-S
CN KBN-H-SP
CN Kubonit
CN Kubonit KR
CN Lubien LBN 5026
CN MBN 010
CN MBN 010T
CN MBN 050
CN MBN 250
CN PolarTherm PT 110
CN PolarTherm PT 120
CN Polartherm PT 670
CN Sandvik CB 50

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 165390-92-1, 58799-13-6, 56939-87-8, 54824-38-3, 60569-72-4, 69495-08-5,
78666-05-4

MF B N

CI COM

LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMLIST, CIN, CSChem, DETHERM*, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA,
MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, TOXLINE, TOXLIT, TULSA,
USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

B=N

16015 REFERENCES IN FILE CA (1967 TO DATE)

123 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

16021 REFERENCES IN FILE CAPLUS (1967 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 134:171976

REFERENCE 2: 134:171968

REFERENCE 3: 134:171094

REFERENCE 4: 134:170981

REFERENCE 5: 134:170784

REFERENCE 6: 134:169991

REFERENCE 7: 134:168671

REFERENCE 8: 134:168101

REFERENCE 9: 134:168100

REFERENCE 10: 134:167015

L165 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS

RN 1318-94-1 REGISTRY

CN Muscovite (Al₂K(Si₃Al)[(OH)0.5-1F0-0.5]2O10) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Muscovite (8CI)

OTHER NAMES:

CN 300W

CN 80D

CN Astrolit

CN Astrolite

CN Chacaltaitaite

CN Clarite 300W

CN Clarite 30C

CN Clarite 60C

CN Cogemika

CN Fluorian muscovite

CN K 325

CN M 200

CN M 200 (mineral)

CN M 400

CN M 400 (mineral)

CN M-RP

CN M-XF

CN MU-N 85

CN Muscovite, fluorian

CN Riburaito RD 100

DR 12413-75-1, 66731-99-5

MF Al . F . H O . K . O3 Si . O

AF Al3 F0-1 H1-2 K O11-12 Si3

CI MNS, COM, TIS

LC STN Files: AGRICOLA, ANABSTR, BIOSIS, CA, CAPLUS, CBNB, CEN, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, USPATFULL

Component	Ratio	Component Registry Number
O	1	17778-80-2
O3Si	3	15593-90-5
F	0 - 1	14762-94-8
HO	1 - 2	14280-30-9
K	1	7440-09-7
Al	3	7429-90-5

4602 REFERENCES IN FILE CA (1967 TO DATE)

47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

4608 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:167652

REFERENCE 2: 134:165749

REFERENCE 3: 134:150236

REFERENCE 4: 134:148713

REFERENCE 5: 134:134245

REFERENCE 6: 134:103429

REFERENCE 7: 134:102170

REFERENCE 8: 134:88962

REFERENCE 9: 134:74123

REFERENCE 10: 134:44684

L165 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2001 ACS

RN 1317-61-9 REGISTRY

CN Iron oxide (Fe3O4) (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 303T

CN AX 3000

CN B 6

CN B 6 (oxide)

CN Bayferrox 306

CN Bayferrox 316

CN Bayferrox 318

CN Bayferrox 330

CN Bayferrox 8010

CN Bayferrox Black 318

CN BK 5099

CN BL-SP

CN BM 611

CN Color MAT 220

CN E 335

CN E 335 (oxide)

CN EC 301

CN EC 371

CN EFV 100/200

CN EMG 900

CN EPP 2000

CN EPT 1002

CN EPT 2000

CN EPT 5000

CN Ethiops iron

CN Ferriferrous oxide

CN Ferriferrous oxide (Fe3O4)

CN Ferrix 8600

CN Ferroferric oxide

CN Ferrofluid EMG

CN Ferrofluid EMG 705

CN Ferrofluid EMG 805

CN Ferrosoferric oxide

CN FW 17134

CN FW 1790

CN HR 370H

CN ICI 35-4

CN IO Black 318

CN Iron ferrite

CN Iron oxide

CN Iron oxide black

CN KBN 400

CN KFH-NA

CN Magnetite

CN MAT 230

CN MAT 305

CN MB 22

CN MG 1300

CN MG 1306

CN MG 9300

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 170277-36-8, 139660-10-9, 73905-81-4, 144856-04-2, 107720-80-9,
118440-50-9, 208666-79-9, 219674-87-0, 253310-51-9

MF , Fe3 O4

CI COM, MAN

LC STN Files: AGRICOLA, AIDSLINE, APILIT, APILIT2, APIPAT, APIPAT2,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN,

CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
NIOSHTIC, PIRA, PROMT, TOXLINE, TOXLIT, TULSA, ULIDAT, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

10671 REFERENCES IN FILE CA (1967 TO DATE)

596 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

10679 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:170639

REFERENCE 2: 134:168810

REFERENCE 3: 134:168744

REFERENCE 4: 134:168382

REFERENCE 5: 134:168351

REFERENCE 6: 134:168312

REFERENCE 7: 134:168218

REFERENCE 8: 134:166115

REFERENCE 9: 134:166022

REFERENCE 10: 134:165877

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(FILE 'HOME' ENTERED AT 14:34:40 ON 12 MAR 2001)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 14:36:39 ON 12 MAR 2001

E DREHER J/AU

L1 11 S E3,E9
L2 1 S L1 AND COSMETIC#/SC,SX,CW,BI
L3 0 S L1 AND (MAKEUP OR MAKE UP)
L4 33 S (COLOR (L) ACCESS)/PA,CS
L5 31 S L4 AND COSMETIC#/SC,SX,CW,BI
L6 4 S L4 AND (MAKEUP OR MAKE UP)
L7 5 S L1,L4 AND FOUNDATION
L8 7 S L6,L7
L9 7 S L2,L8
L10 2 S L4 NOT L5
L11 1 S L10 NOT MIXER/TI
L12 8 S L9,L11
L13 33 S L5,L12
L14 10 S L13 AND ?PIGMENT?
L15 6 S L13 AND (TIO2 OR (TI OR TITANIUM)())(OXIDE OR DIOXIDE OR DI OX
L16 963 S YELLOW () (IRON OR FERR? OR FE)())OXIDE
L17 1943 S RED () (IRON OR FERR? OR FE)())OXIDE
L18 108 S BROWN () (IRON OR FERR? OR FE)())OXIDE
L19 850 S BLACK () (IRON OR FERR? OR FE)())OXIDE
L20 53360 S (ZN OR ZINC)())OXIDE
L21 119 S CHROME OXIDE
L22 1 S GREEN CHROME OXIDE
L23 0 S CHROME HYDRATE
L24 9 S CHROME(S)HYDRATE
L25 0 S CHROME(S)HYDRATE(S)GREEN

L26 1088 S ULTRAMARINE
L27 49 S (MN OR MANGANESE) () VIOLET
L28 7 S ULTRA MARINE
L29 788 S (FERR? OR FE OR IRON) () FERROCYANIDE
L30 12 S (FERR? OR FE OR IRON) () FERRO CYANIDE
L31 1 S (FERR? OR FE OR IRON) () AMMON? () FERRO CYANIDE
L32 19 S (FERR? OR FE OR IRON) () AMMON? () FERROCYANIDE
L33 2 S CARMINE 40
L34 2357 S PHTHALOCYANINE BLUE
L35 818 S PHTHALOCYANINE GREEN
L36 48 S DIARYLIDE YELLOW
L37 2 S DIARYLIDE ORANGE
L38 64 S TOLUIDINE RED
L39 1 S LITHO RED
L40 62 S NAPHTHOL RED
L41 5 S NAPHTHOL BROWN
L42 2 S BROWN NAPHTHOL
L43 288 S (BI OR BISMUTH) () (OXYCHLORIDE OR OXY CHLORIDE)
L44 15869 S BORON NITRIDE
L45 6632 S (BA OR BARIUM) () (SULFATE OR SULPHATE)
L46 30270 S MICA
E MICA/CT
E E3+ALL
E E2+ALL
L47 82105 S E3+NT
L48 4117 S SERICITE
L49 9758 S MUSCOVITE
L50 579 S SYNTHETIC(A)MICA
L51 26205 S TALC
L52 757 S TALCUM
L53 40 S LAUROYL LYSINE
L54 74 S LAUROYLLYSIN?
L55 41 S TIMIRON
L56 29 S FLAMENCO
L57 1 S SICOPEARL
L58 4 S CHROMAFLAIR

FILE 'REGISTRY' ENTERED AT 15:12:39 ON 12 MAR 2001

L59 1 S 7787-59-9
L60 4 S 10043-11-5 OR 7727-43-7 OR 12174-53-7 OR 1318-94-1
L61 1 S TALC/CN
L62 89 S 7664-93-9/CRN AND BA/ELS
L63 66 S L62 NOT (MNS OR AYS OR CCS)/CI
L64 10 S L63 AND 2/NC
L65 6 S L64 NOT IDS/CI
L66 4 S L65 NOT (133BA OR 139BA)
E ALUMINUM/CN
L67 1 S E3
E LAUROYL LYSINE/CN
E LAUROYLLYSINE/CN
L68 1 S 14807-96-6
L69 1 S 38079-57-1
E D-LYSINE, N2,N2-DIMETHYL-N6-(1-OXODODECYL)-/CN
E C20H40N2O3/MF
L70 10 S E3 AND LYSINE
L71 7 S L70 NOT ESTER
L72 15 S L60,L61,L66,L68,L69,L71

FILE 'HCAPLUS' ENTERED AT 15:22:38 ON 12 MAR 2001

FILE 'HCAPLUS' ENTERED AT 15:22:48 ON 12 MAR 2001

L73 133528 S L72 OR L43-L54

FILE 'REGISTRY' ENTERED AT 15:23:02 ON 12 MAR 2001

L74 6 S 244292-39-5 OR 244292-90-8 OR 262607-53-4 OR 265333-08-2 OR 2
L75 5 S L74 NOT SQL/FA

L76 E CHROMAFLAIR
6 S E3,L75
E TIMIRON
L77 1 S 126776-85-0
L78 21 S E3
L79 4 S 219484-67-0 OR 227015-73-8 OR 227015-74-9 OR 227015-80-7
E FLAMENCO
L80 23 S E3
L81 21 S L80 NOT (O2TI OR C16H8CL2FN5O)
L82 2 S L80 NOT L81

FILE 'HCAPLUS' ENTERED AT 15:27:47 ON 12 MAR 2001
L83 71 S L75-L79,L81,L55-L58

FILE 'REGISTRY' ENTERED AT 15:28:51 ON 12 MAR 2001
L84 1 S 13463-67-7

FILE 'HCAPLUS' ENTERED AT 15:29:15 ON 12 MAR 2001
L85 156094 S L84 OR TIO2 OR (TI OR TITANIUM) () (DIOXIDE OR DI OXIDE OR OXID

FILE 'REGISTRY' ENTERED AT 15:29:47 ON 12 MAR 2001
L86 6 S 147-14-8 OR 1328-53-6 OR 5102-83-0 OR 3520-72-7 OR 2425-85-6
L87 1 S 52830-64-5
L88 4 S IRON OXIDE/CN
L89 4 S 51274-00-1 OR 1309-37-1 OR 52357-70-7 OR 12227-89-3
L90 1 S 1314-13-2
L91 1 S 11118-57-3
L92 2 S 1308-38-9 OR 8011-97-0
E CHROMIUM OXIDE/CN
L93 3 S E3
E CHROMIUM OXIDE (GREEN)/CN
L94 2 S E14,E15
E CHROME HYDRATE/CN
L95 2 S 57455-37-5 OR 12769-96-9
E ULTRAMARINE
L96 21 S E3
L97 1 S 10101-66-3
E MANGANESE VIOLET/CN
L98 3 S 13408-63-4 OR 14038-43-8 OR 25869-00-5

FILE 'HCAPLUS' ENTERED AT 15:40:19 ON 12 MAR 2001
L99 203047 S L84,L88-L98
L100 216539 S L16-L32,L99
L101 36 S L83 AND L100
L102 217156 S L100 OR ?METAL?(L)OXIDE(L)?PIGMENT
E METAL OXIDE/CT
E E5+ALL
L103 224230 S E2 OR L102
L104 36 S L83 AND L103
L105 36 S L101,L104
L106 15 S L105 AND ?POWD?
L107 31 S L105 AND L73
L108 31 S L105 AND L43-L54,L73
L109 31 S L107,L108
L110 31 S L106,L109
L111 9 S L110 AND (MAKEUP OR MAKE UP OR FOUNDATION)
L112 1 S L33 AND 62/SC,SX
L113 32 S L110,L112
L114 25 S L113 AND COSMETIC#/SC,SX,CW,BI
L115 7 S L113 NOT L114
L116 19 S L114 NOT HAIR
L117 6 S L114 NOT L116
L118 1 S L117 AND SUNSCREEN
L119 20 S L116,L118
L120 9 S L13 AND L103
L121 0 S L14,L15 AND L119

L122 14 S L14,L15,L120,L2
L123 34 S L119,L122
L124 20 S L123 AND (TIO2 OR (TI OR TITANIUM) () (DIOXIDE OR DI OXIDE OR O
L125 6 S L123 AND INTERFERENCE
L126 34 S L123-L125
L127 3 S L126 NOT 62/SC
L128 2 S L127 NOT SILOXANES/TI
L129 1 S L127 NOT L128
L130 33 S L126 NOT L129
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 16:02:58 ON 12 MAR 2001

L131 46 S E1-E46
L132 11 S L131 NOT UNSPECIFIED
L133 1 S L132 AND PALYGORSKITE
L134 45 S L131 NOT L133

FILE 'HCAPLUS' ENTERED AT 16:05:06 ON 12 MAR 2001

L135 25 S L134 AND L130
L136 8 S L130 NOT L135
L137 1 S L136 AND (BI OXYCHLORIDE AND ULTRAMARINE AND AL AND LAKE AND
L138 26 S L135,L137
L139 7 S L130 NOT L138

FILE 'HCAPLUS' ENTERED AT 16:07:56 ON 12 MAR 2001

SEL HIT RN L138

FILE 'REGISTRY' ENTERED AT 16:09:34 ON 12 MAR 2001

L140 46 S E47-E92

FILE 'HCAPLUS' ENTERED AT 16:10:38 ON 12 MAR 2001

L141 596 S INTERFERENCE (L) ?PIGMENT?
L142 1705 S L141 OR TIMIRON OR FLAMENCO OR SICOPEARL OR CHROMAFLAIR OR MI
L143 1708 S L83,L142
L144 880 S L143 AND L100
S L143 AND (TIO2 OR (TI OR TITANIUM) (W) (DIOXIDE OR OXIDE OR DI

FILE 'REGISTRY' ENTERED AT 16:13:57 ON 12 MAR 2001

L145 1 S 13463-67-7/RN

FILE 'HCAPLUS' ENTERED AT 16:13:57 ON 12 MAR 2001

L146 90658 S L145
L147 852 S L143 AND (TIO2 OR (TI OR TITANIUM) (W) (DIOXIDE OR OXIDE OR DI
L148 743 S L147 AND L100
L149 989 S L147,L148,L144
L150 267 S L149 AND COSMETIC#/SC,SX,CW,BI
L151 126 S L150 AND (MAKEUP OR MAKE UP OR FOUNDATION)
L152 116 S L151 NOT L138,L139
L153 113 S L152 AND 62/SC
L154 113 S L152 AND COSMETIC#/CW
L155 116 S L153,L154
L156 97 S L155 AND L72,L99
L157 76 S L156 AND ?POWD?
L158 97 S L156 AND MICA
L159 97 S L156-L158
L160 19 S L155 NOT L159
L161 116 S L159,L160 AND (MICA OR ?POWD? OR TITANIUM)
L162 31 S L161 AND (SILOXAN? OR POLYSILOXAN?)/CW
L163 85 S L161 NOT L162
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 16:27:40 ON 12 MAR 2001

L164 15 S E93-E107
L165 3 S L164 NOT L140